

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

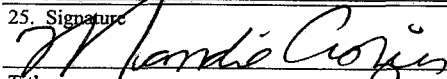
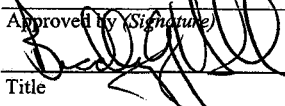
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

| | | | | |
|--|--|--|--|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | | 5. Lease Serial No. UTU-74869 | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | | 6. If Indian, Allottee or Tribe Name N/A | |
| 2. Name of Operator Newfield Production Company | | | 7. If Unit or CA Agreement, Name and No. Sand Wash Unit | |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | | | 8. Lease Name and Well No. Sand Wash Federal L-31-8-17 | |
| 3b. Phone No. (include area code) (435) 646-3721 | | | 9. API Well No. 43013-33761 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2117' FSL 725' FEL At proposed prod. zone NE/SE 2635' FSL 1320' FEL | | | 10. Field and Pool, or Exploratory Monument Butte | |
| 14. Distance in miles and direction from nearest town or post office* Approximately 11.5 miles southeast of Myton, Utah | | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/lse, 1320' f/unit | | | 12. County or Parish Duchesne | |
| 16. No. of Acres in lease 1,177.07 | | | 13. State UT | |
| 17. Spacing Unit dedicated to this well 20 Acres | | | | |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1070' | | | 20. BLM/BIA Bond No. on file UTB000192 | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5313' GL | | | 22. Approximate date work will start* 4th Quarter 2007 | |
| | | | 23. Estimated duration Approximately seven (7) days from spud to rig release. | |
| 24. Attachments | | | | |

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|---|---|------------------|
| 25. Signature  | Name (Printed/Typed) Mandie Crozier | Date 8/17/07 |
| Title Regulatory Specialist | | |
| Approved by (Signature)  | Name (Printed/Typed) BRADLEY G. HILL | Date 09-04-07 |
| Title OFFICE ENVIRONMENTAL MANAGER | | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Surf

581720X
44360854
40.072963
-110.041651

BHU
581537X
4436241Y
40.074386
-110.043777

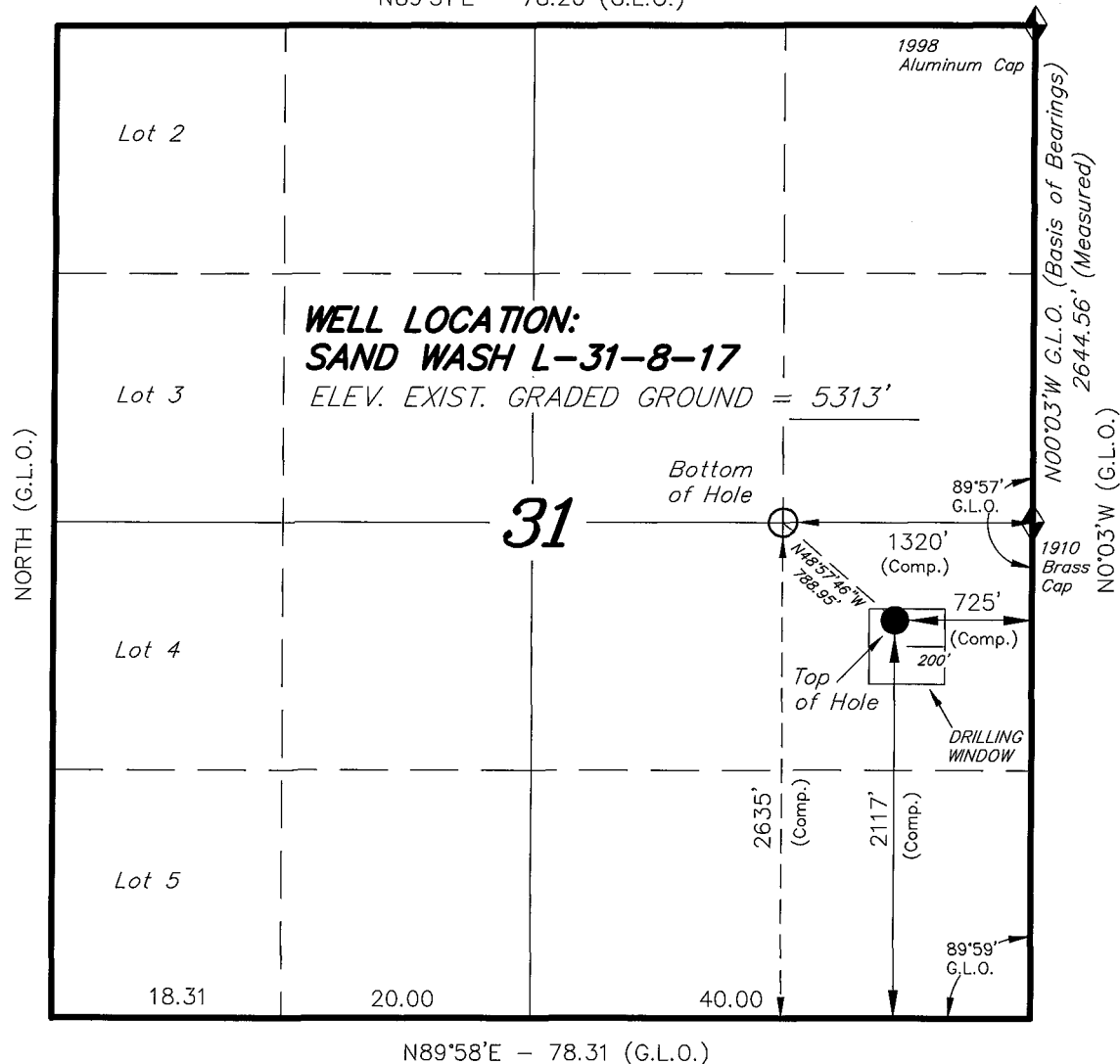
Federal Approval of this
Action is Necessary

RECEIVED
AUG 24 2007
DIV. OF OIL, GAS & MINING

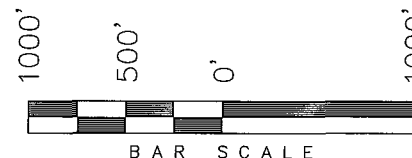
T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

N89°51'E - 78.20 (G.L.O.)

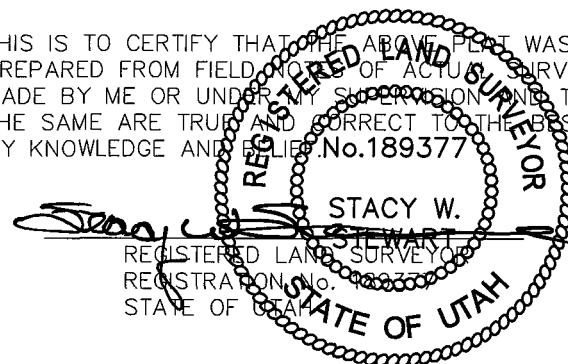


WELL LOCATION, SAND WASH L-31-8-17,
LOCATED AS SHOWN IN THE NE 1/4 SE
1/4 OF SECTION 31, T8S, R17E, S.L.B.&M.
DUCESNE COUNTY, UTAH.



Note:
The Proposed Well head bears
S54°24'09"W 891.50' from the East
1/4 Corner of Section 31.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SAND WASH L-31-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 22.75"
LONGITUDE = 110° 02' 32.81"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

| | |
|----------------------------|-------------------|
| DATE SURVEYED: 06-20-07 | SURVEYED BY: T.H. |
| DATE DRAWN: 07-16-07 | DRAWN BY: F.T.M. |
| REVISED: | SCALE: 1" = 1000' |

**NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL #L-31-8-17
AT SURFACE: NE/SE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age
2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

| | |
|-------------|------------|
| Uinta | 0' – 2330' |
| Green River | 2330' |
| Wasatch | 6325' |
3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 2330' – 6325' - Oil
4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).
5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".
6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.
7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.
8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL #L-31-8-17
AT SURFACE: NE/SE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sand Wash Federal #L-31-8-17 located in the NE 1/4 SE 1/4 Section 31, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 8.9 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.9 miles \pm to it's junction with an existing road to the east; proceed easterly - 0.3 miles \pm to the existing Tar Sands Federal 9-31-8-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Tar Sands Federal 9-31-8-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Tar Sands Federal 9-31-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sand Wash Federal L-31-8-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Sand Wash Federal L-31-8-17 will be drilled off of the existing Tar Sands Federal 9-31-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #07-286, 8/3/07. Paleontological Resource Survey prepared by, SWCA, August 2007. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 140' of disturbed area be granted in Lease UTU-74869 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities

will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

| | | |
|--------------------|----------------------------|------------|
| Kochia Low | | 6 lbs/acre |
| Crested Wheatgrass | <i>Agropyron Cristatum</i> | 6 lbs/acre |

Details of the On-Site Inspection

The proposed Sand Wash Federal #L-31-8-17 was on-sited on 7/25/07. The following were present; Dave Allred (Newfield Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION
Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

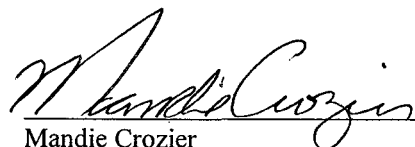
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #L-31-8-17 NE/SE Section 31, Township 8S, Range 17E: Lease UTU-74869 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/17/07

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

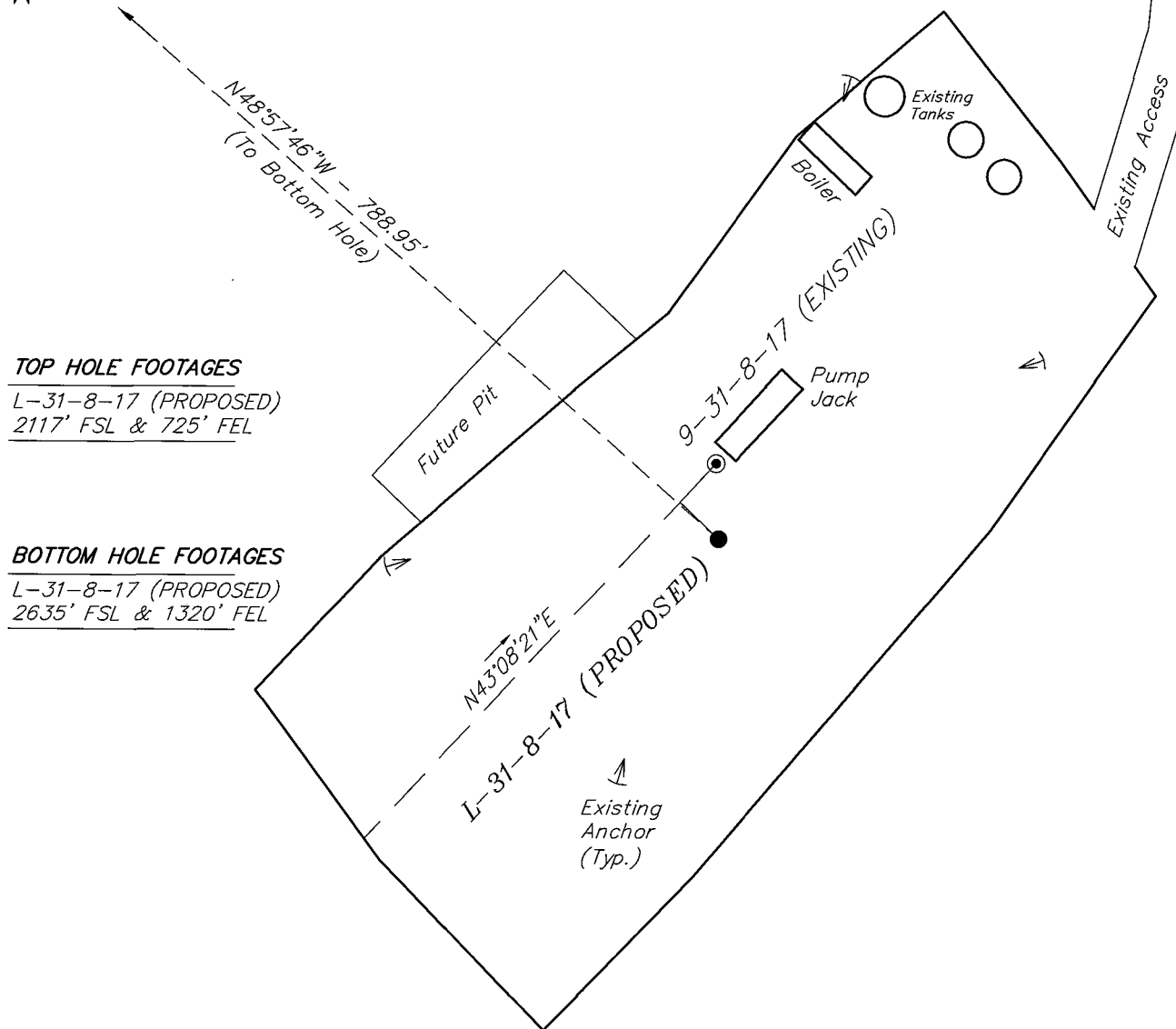
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SAND WASH L-31-8-17 (Proposed Well)

SAND WASH 9-31-8-17 (Existing Well)

Pad Location: NESE Section 31, T8S, R17E, S.L.B.&M.



Note:

Bearings are based on
G.P.S. observations.

RELATIVE COORDINATES From top hole to bottom hole

| WELL | NORTH | EAST |
|-----------|-------|-------|
| L-31-8-17 | 518' | -595' |

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

| WELL | LATITUDE | LONGITUDE |
|-------------|----------------|-----------------|
| L-31-8-17 | 40° 04' 22.75" | 110° 02' 32.81" |
| Exist. 9-31 | 40° 04' 22.96" | 110° 02' 32.82" |

SURVEYED BY: T.H. DATE SURVEYED: 06-20-07
DRAWN BY: F.T.M. DATE DRAWN: 07-16-07
SCALE: 1" = 50' REVISED:

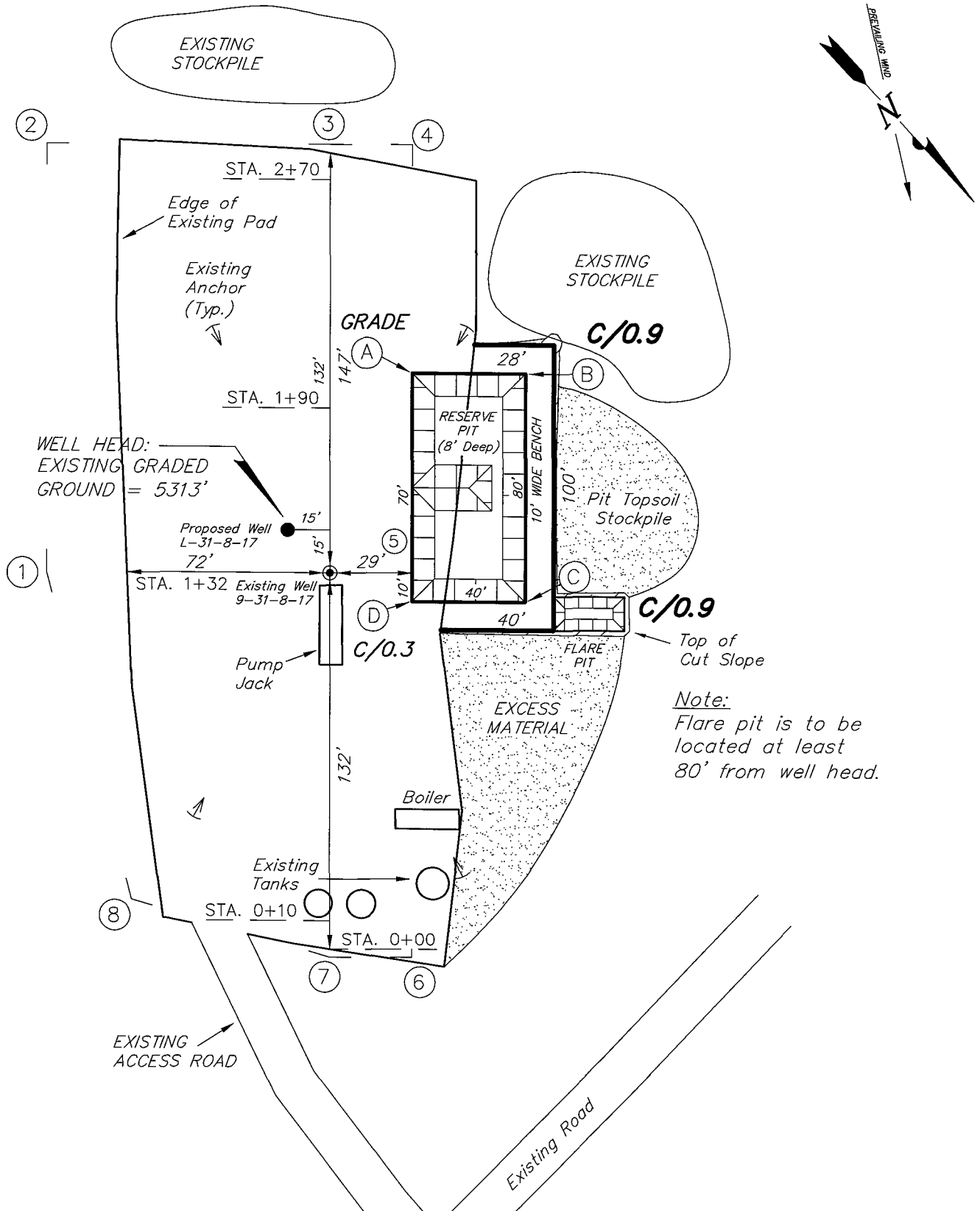
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

SAND WASH L-31-8-17 (Proposed Well)

SAND WASH 9-31-8-17 (Existing Well)

Pad Location: NESE Section 31, T8S, R17E, S.L.B.&M.



| | |
|-------------------|-------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 06-20-07 |
| DRAWN BY: F.T.M. | DATE DRAWN: 07-12-07 |
| SCALE: 1" = 50' | REVISED: |

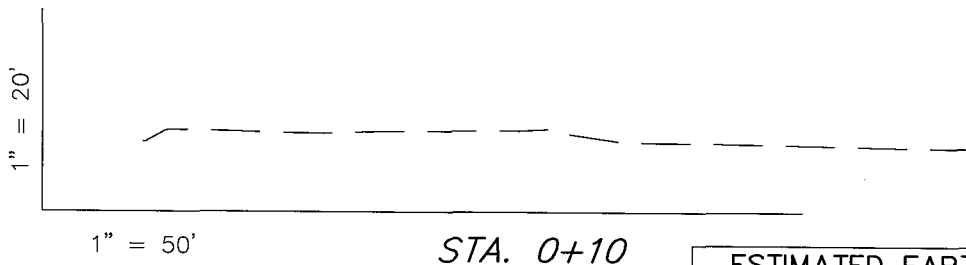
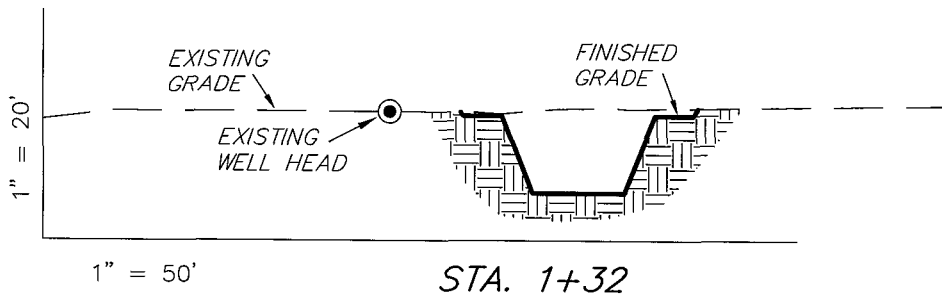
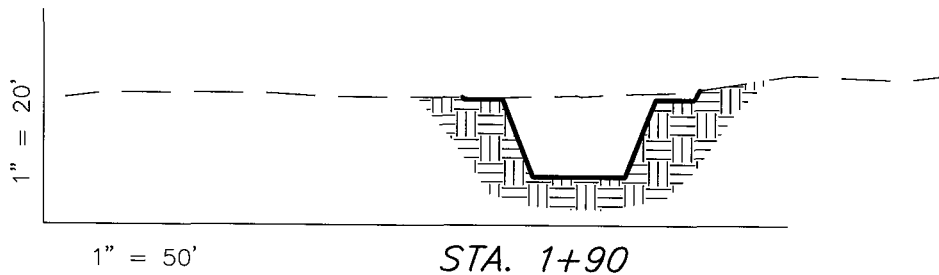
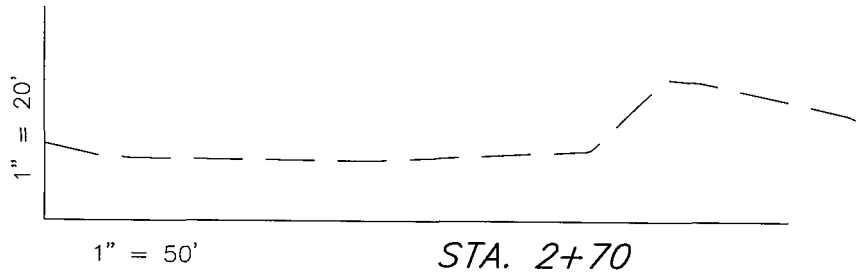
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(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SAND WASH L-31-8-17 (Proposed Well)

SAND WASH 9-31-8-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
|--------|-----|------|--|--------|
| PAD | 20 | 10 | Topsoil is not included in Pad Cut | 10 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 660 | 10 | 120 | 650 |

| | |
|-------------------|-------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 06-20-07 |
| DRAWN BY: F.T.M. | DATE DRAWN: 07-12-07 |
| SCALE: 1" = 50' | REVISED: |

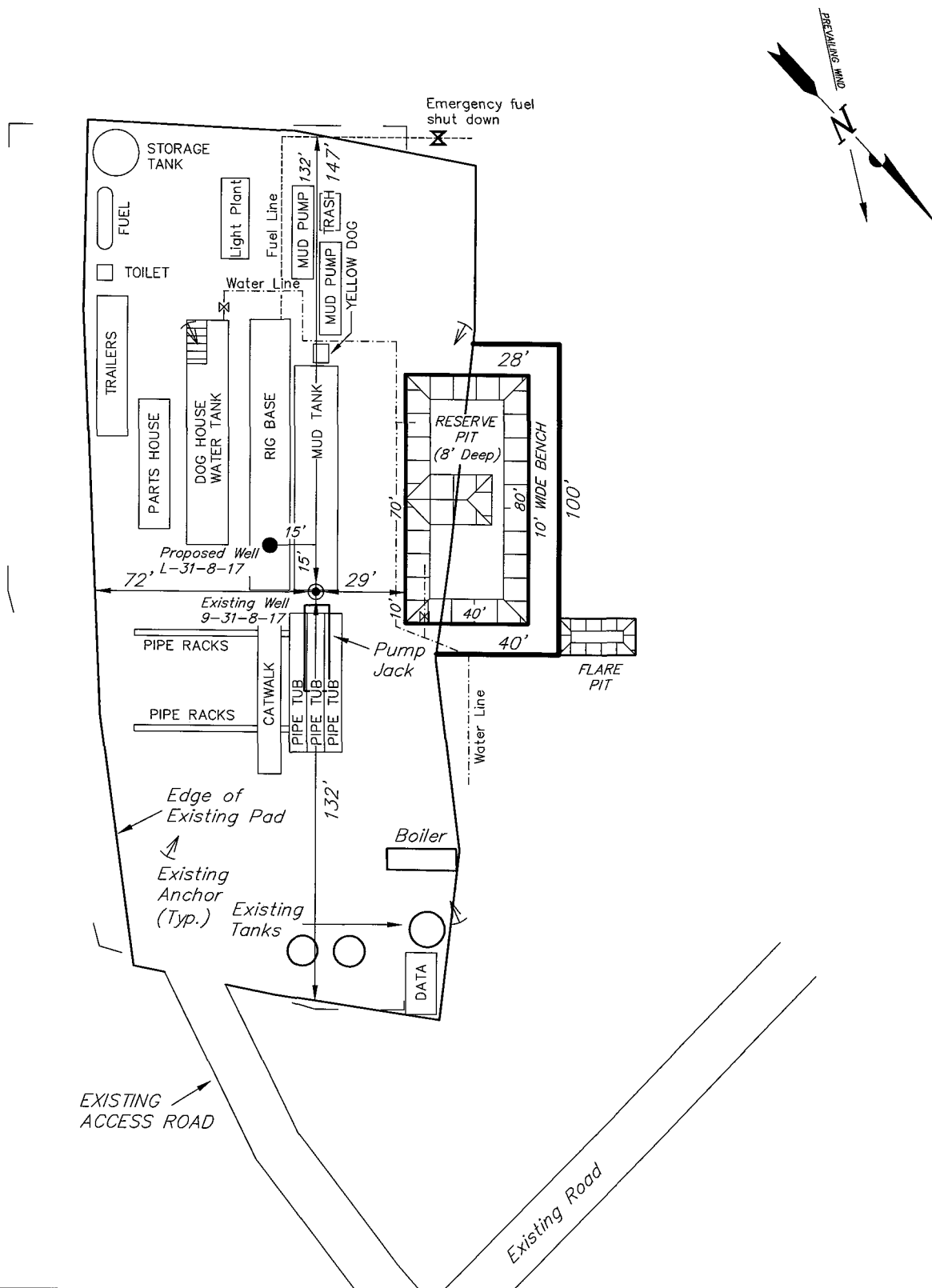
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(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SAND WASH L-31-8-17 (Proposed Well)

SAND WASH 9-31-8-17 (Existing Well)



| | |
|-------------------|-------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 06-20-07 |
| DRAWN BY: F.T.M. | DATE DRAWN: 07-12-07 |
| SCALE: 1" = 50' | REVISED: |

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

Sand Wash Federal L-31-8-17

From the 9-31-8-17 Location

NE/SE Sec. 31 T8S, 17E

Duchesne County, Utah

UTU-74869

Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

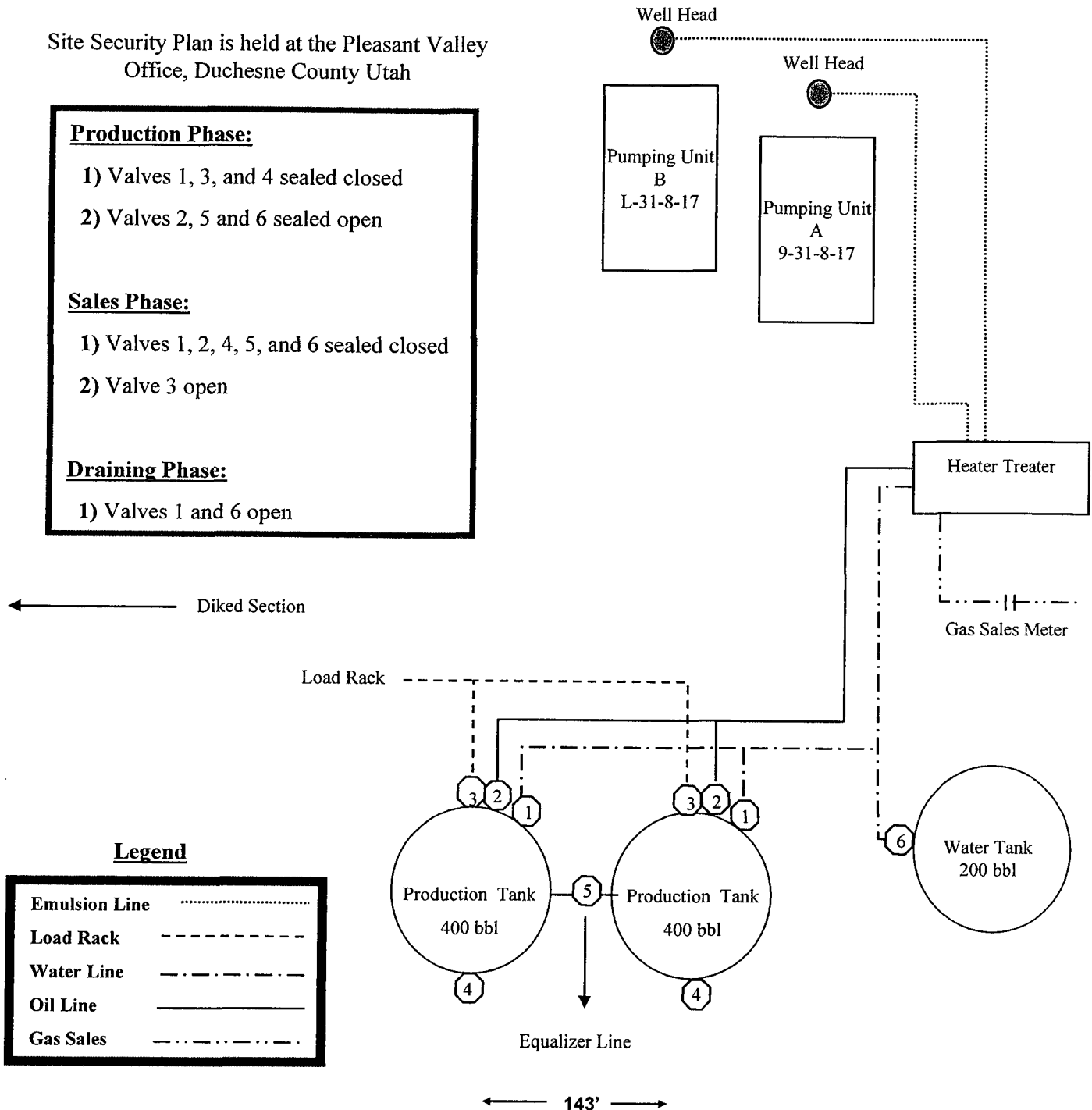
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

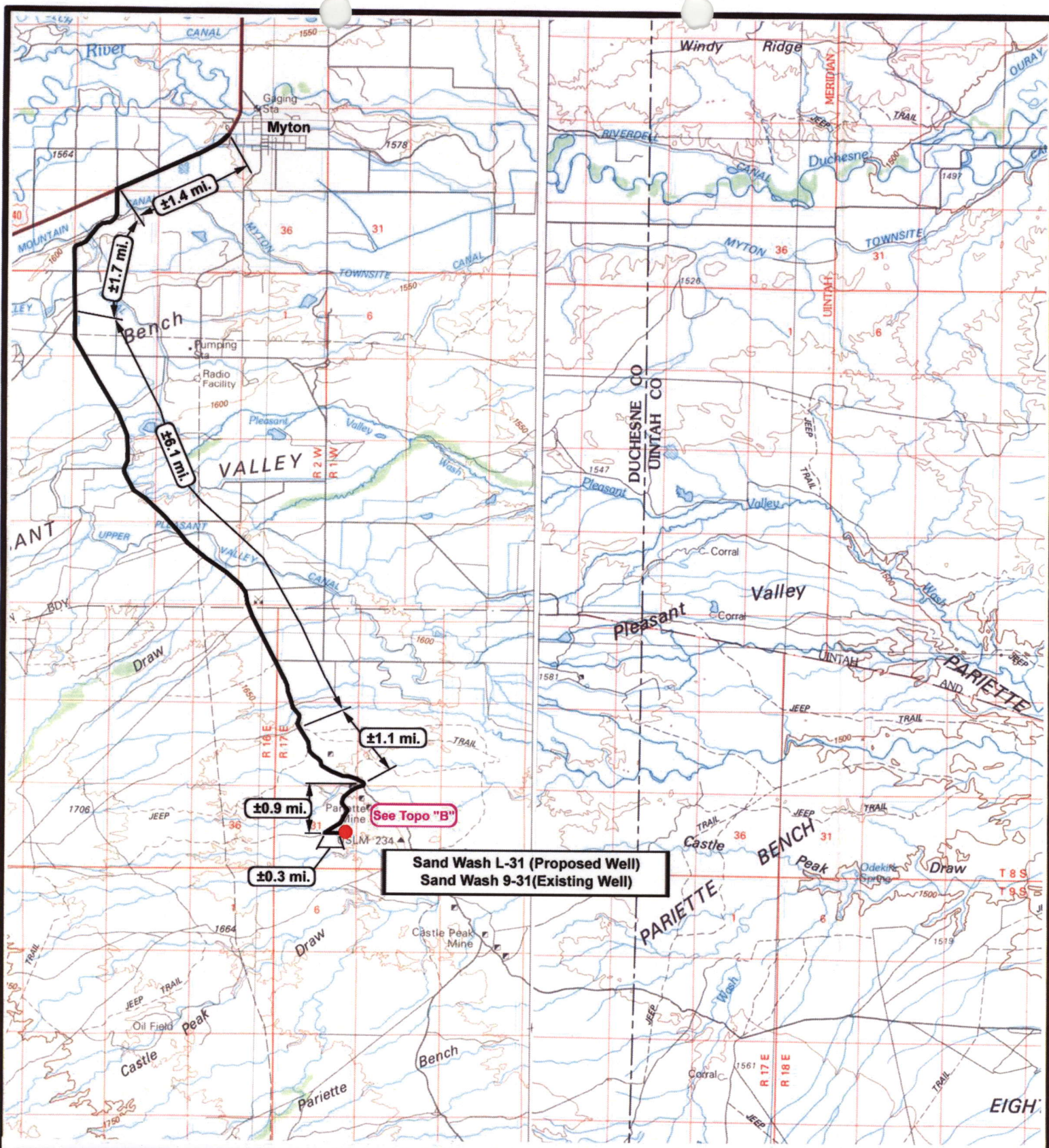
Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open





NEWFIELD
Exploration Company

Sand Wash L-31-8-17 (Proposed Well)
Sand Wash 9-31-8-17 (Existing Well)
Pad Location: NESE SEC. 8, T8S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 : 100,000

DRAWN BY: mw

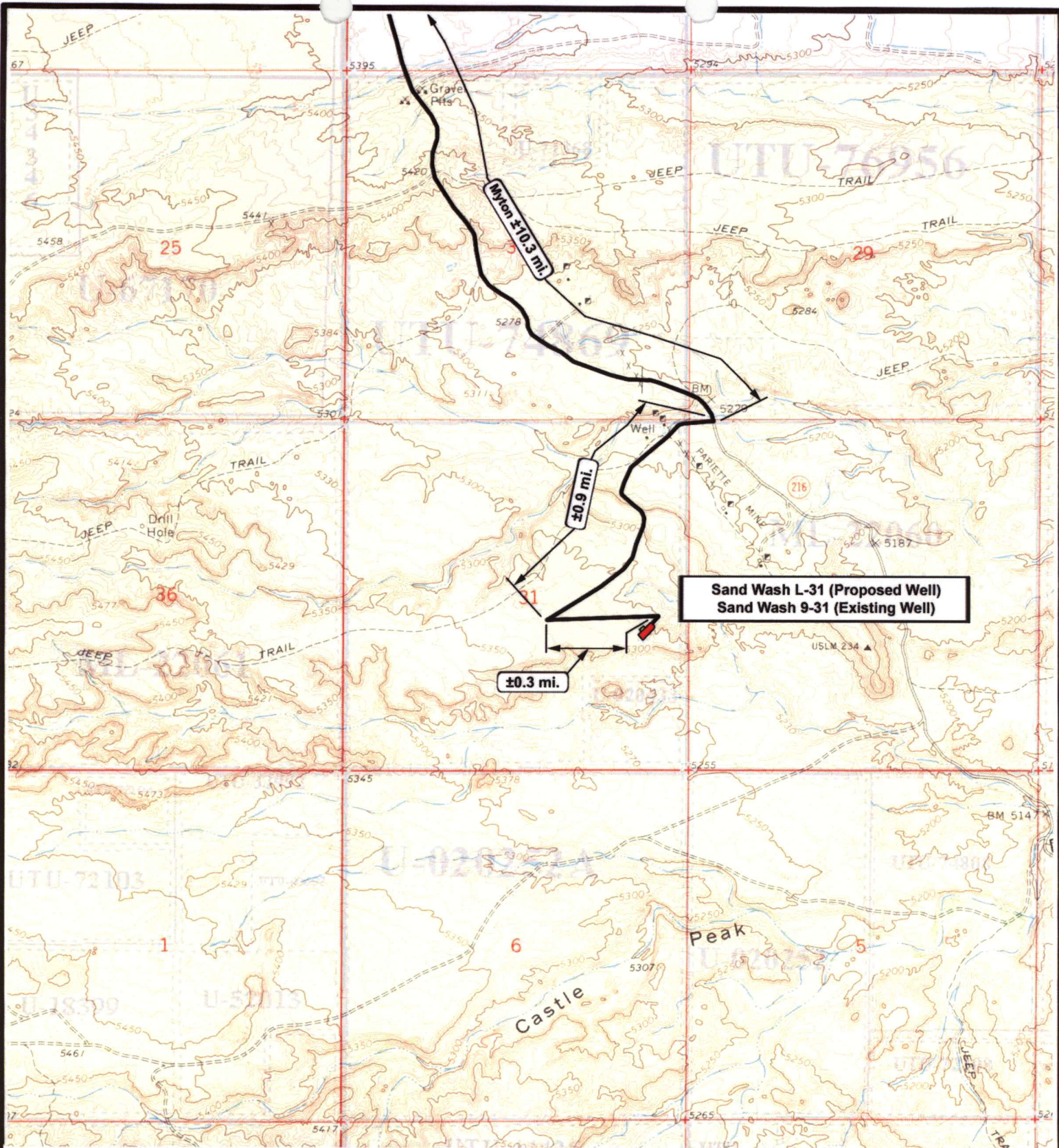
DATE: 07-17-2007

Legend


Existing Road

TOPOGRAPHIC MAP

"A"



Sand Wash L-31 (Proposed Well)
Sand Wash 9-31 (Existing Well)



NEWFIELD
Exploration Company

Sand Wash L-31-8-17 (Proposed Well)
Sand Wash 9-31-8-17 (Existing Well)
Pad Location: NESE SEC. 8, T8S, R17E, S.L.B.&M.



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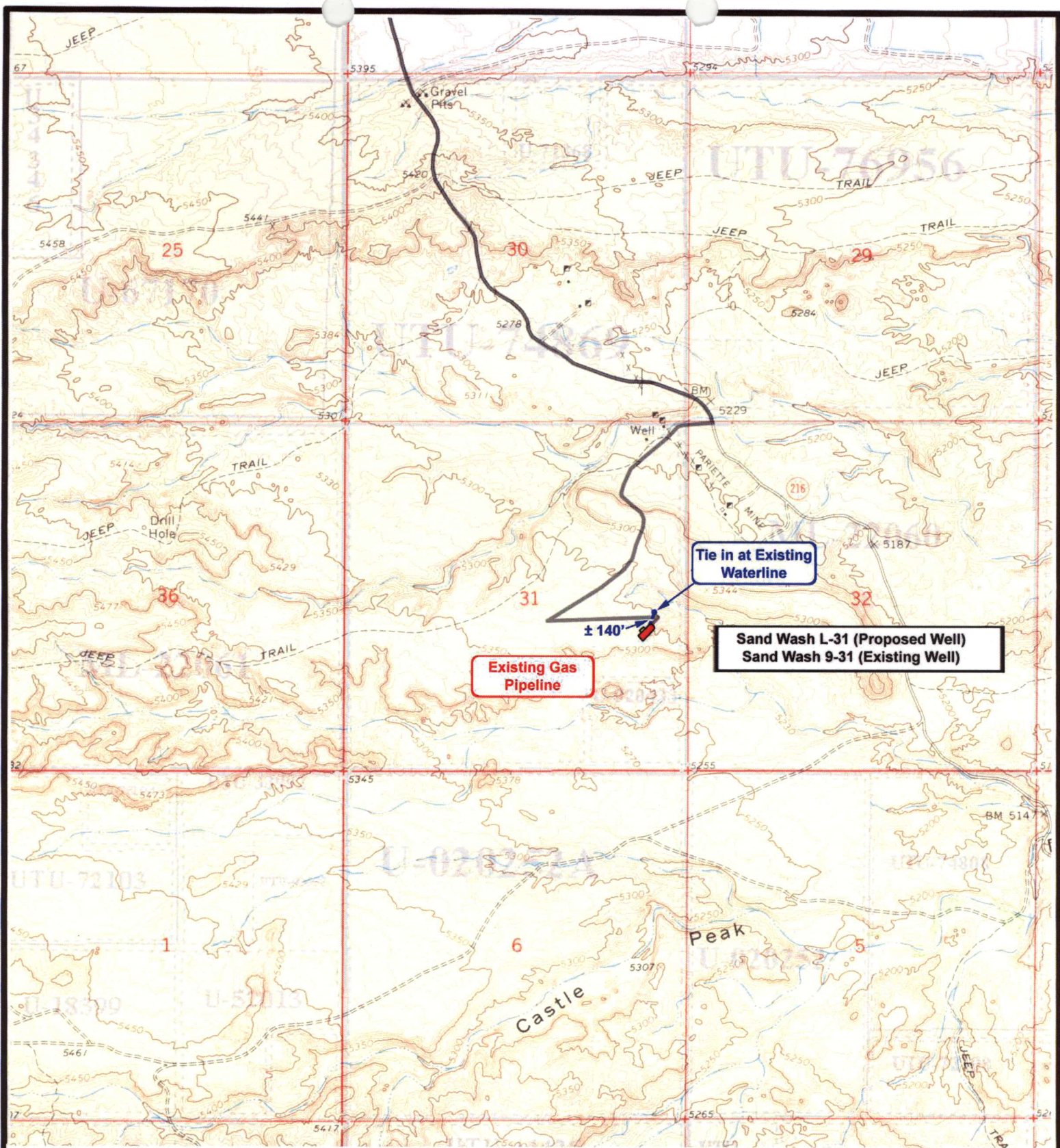
SCALE: 1" = 2000'
 DRAWN BY: mw
 DATE: 07-13-2007


Legend

Existing Road

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

Sand Wash L-31-8-17 (Proposed Well)
Sand Wash 9-31-8-17 (Existing Well)
 Pad Location: NESE SEC. 8, T8S, R17E, S.L.B.&M.





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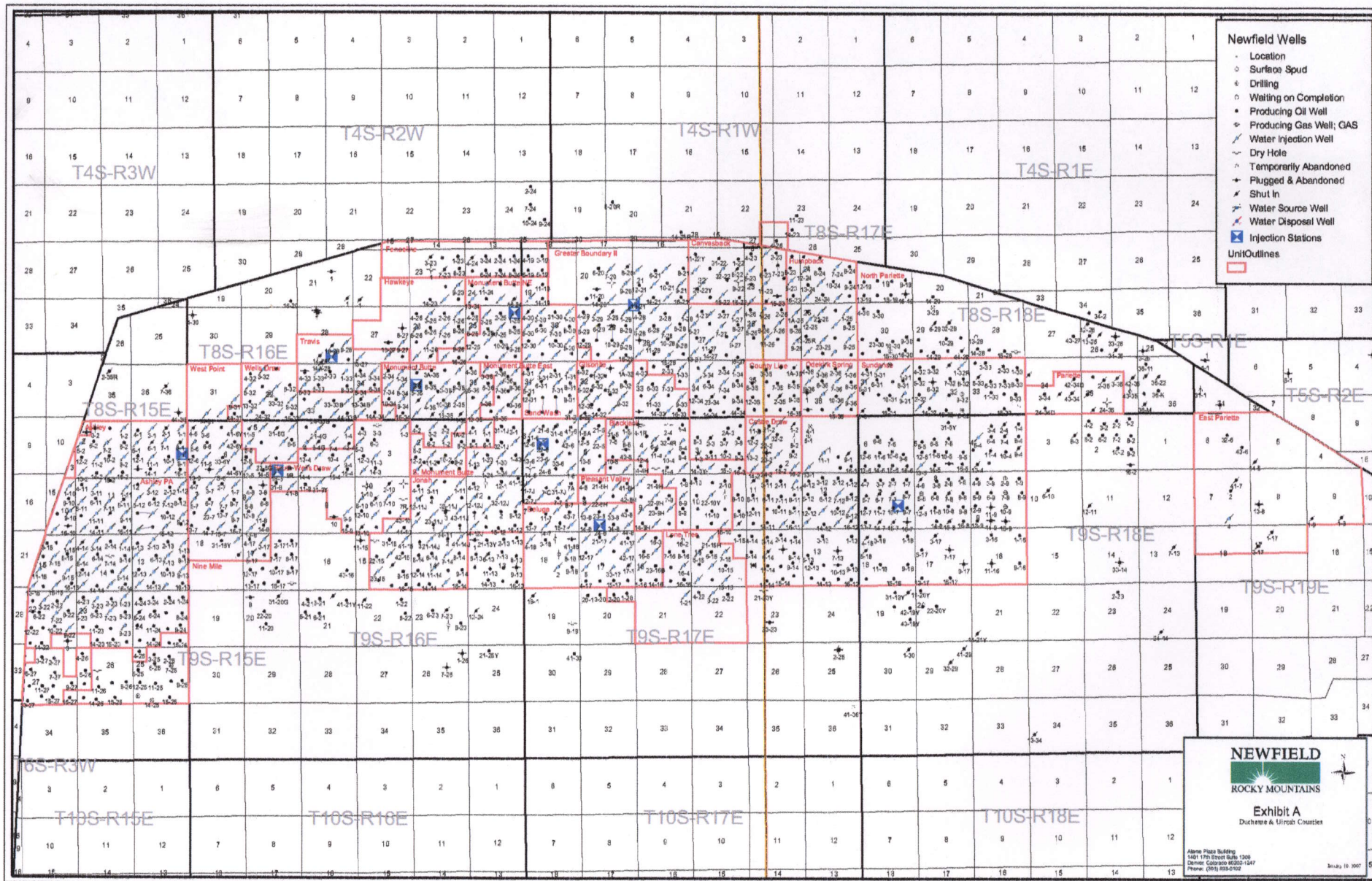
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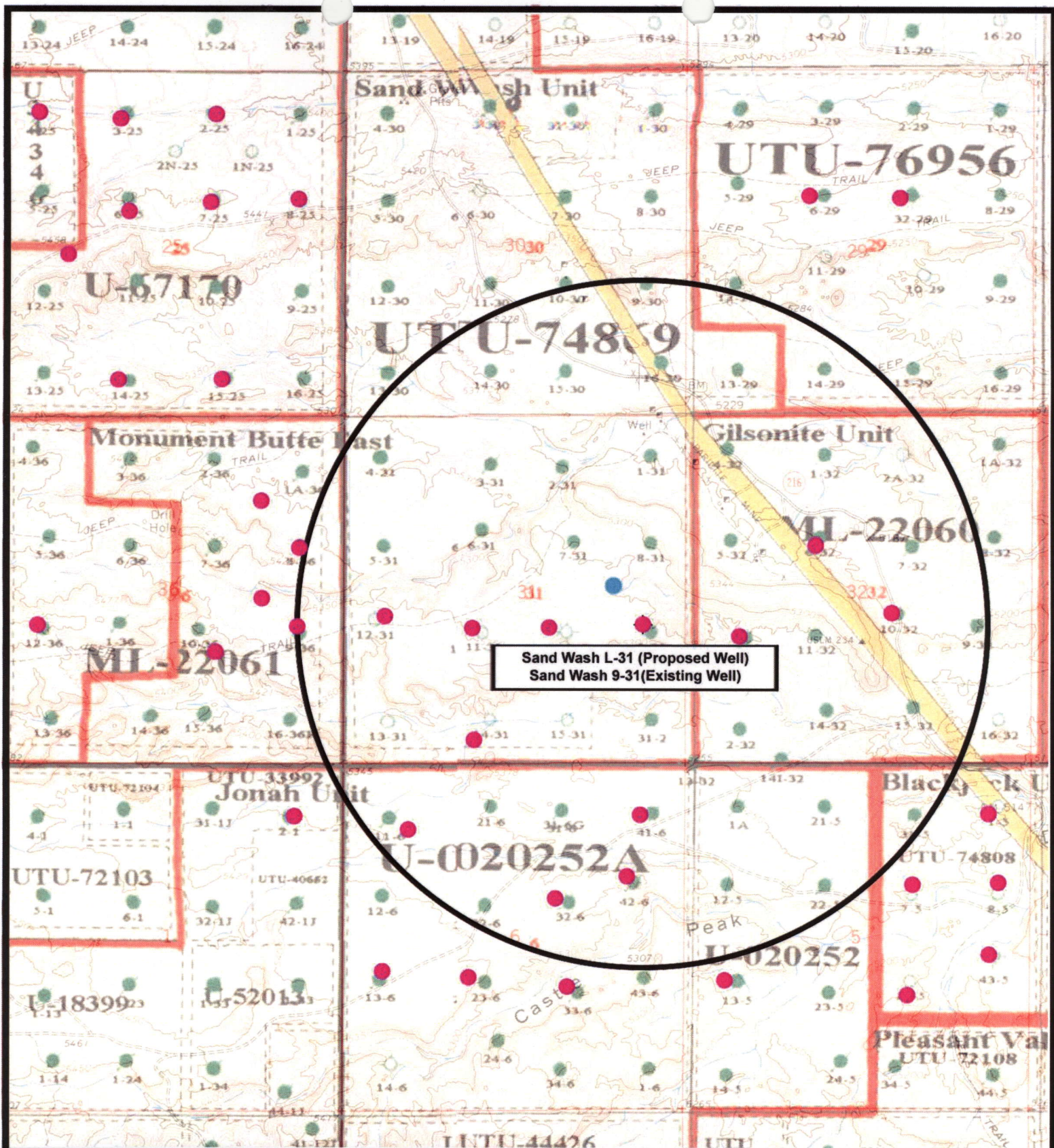
Legend

— Roads
 - - - - - Proposed Water Line

TOPOGRAPHIC MAP

"C"





The image is a technical drawing of a mechanical assembly, consisting of two views: a top view (left) and a side view (right).

Top View (Left): This view shows a central horizontal component with two vertical flanges. The central part has a circular feature with a crosshair. The flanges have a series of small rectangular features. Dashed lines indicate hidden internal features.

Side View (Right): This view shows a vertical component with a central circular feature. The component has two horizontal flanges. The central part has a series of small rectangular features. Dashed lines indicate hidden internal features.

EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S 12 PROPOSED
WATERLINES: AU J-1, AU S-12, GB II G-28
HAWKEYE G-26, MB NE 1-25, SW L-31
SWD B-8, SWD L-10, SWD M-10
SWD N-10, SWD R-4 AND WD C-5
DUCHESNE COUNTY, UTAH

Exhibit "D"
1 of 2

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-286

August 3, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-0931bs

Paleontological Assessment for Newfield Exploration Co. Twelve Proposed Water Pipelines:

Monument Butte NE I-25-8-16

Hawkeye G-26-8-16

Greater Boundary II G-28-8-17

Sand Wash L-31-8-17

Ashley J-1-9-15, Nine Mile S-12-9-15

Wells Draw C-5-9-16

**South Wells Draw R-4-9-16, B-8-9-16,
L-10-9-16, M-10-9-16, N-10-9-16**

**Myton SE and Myton SW Quadrangles
Duchesne County, Utah**

Prepared for

Newfield Exploration Co.

and

Bureau of Land Management

Prepared by

SWCA Environmental Consultants

August 16, 2007

SWCA Report #UT07-09610-022



Scientific Drilling

Rocky Mountain Operations

Project: Duchesne County, UT
Site: Sand Wash L-31-8-17
Well: Sand Wash L-31-8-17
Wellbore: OH
Design: Plan #1

Howfield Exploration Co.

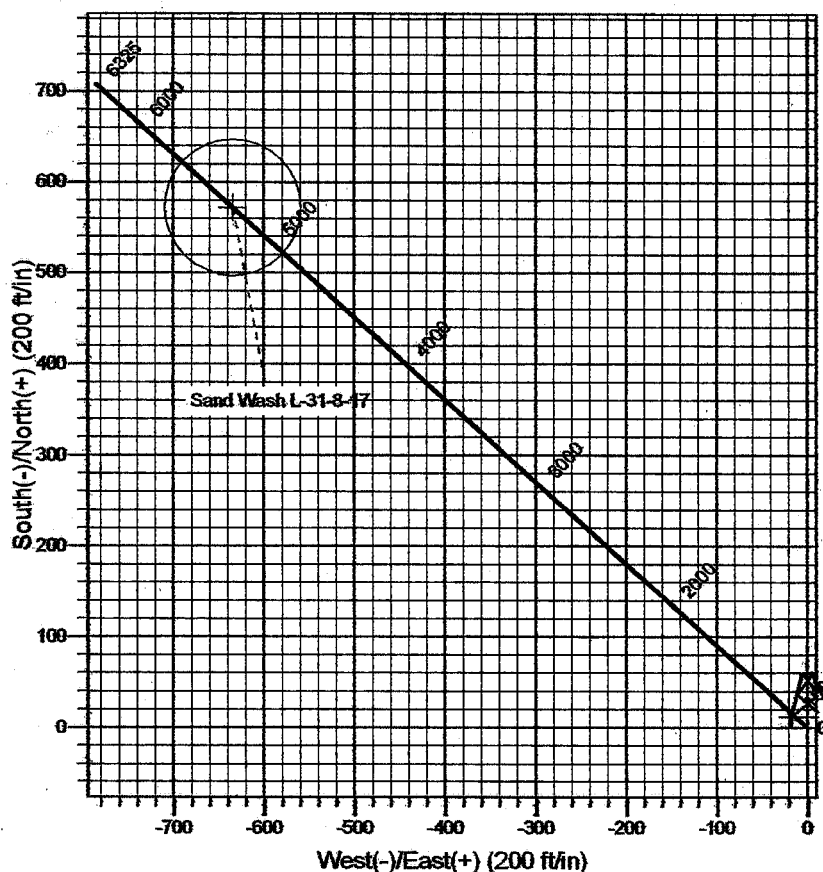
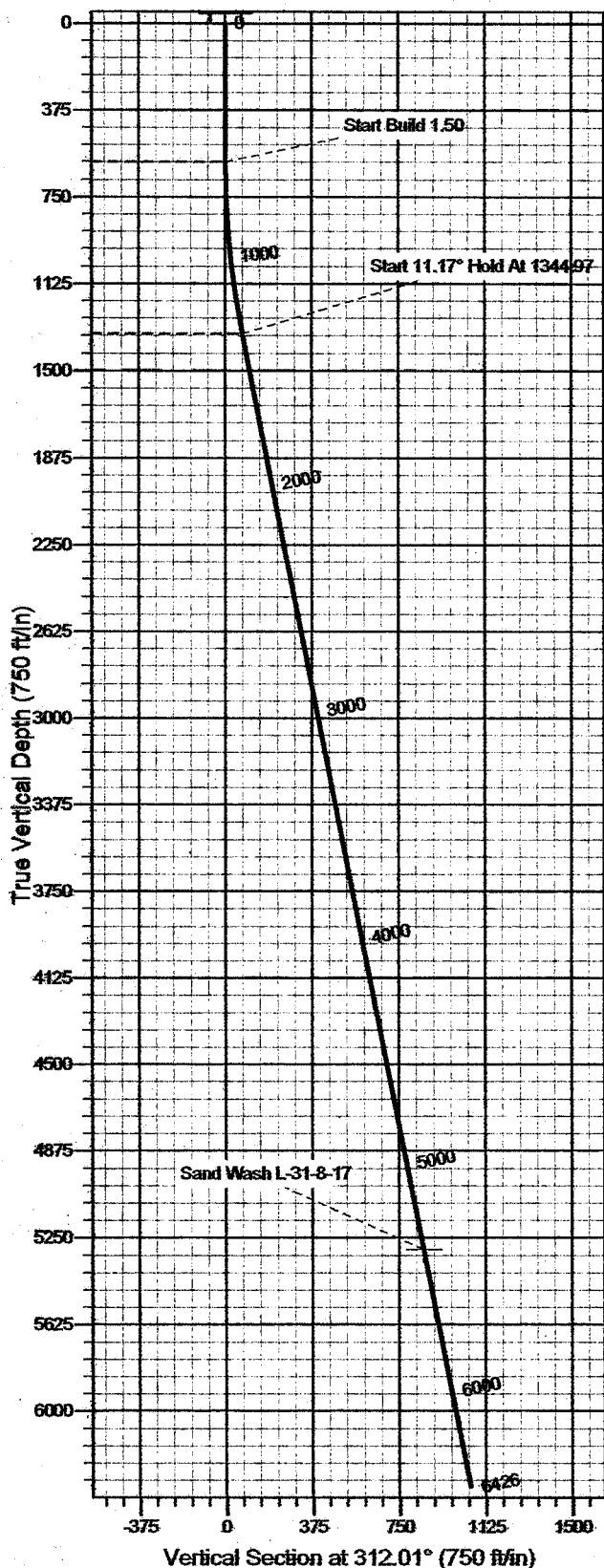


Azimuths to True North
Magnetic North: 11.79°

Magnetic Field
Strength: 52694.0nT
Dip Angle: 65.92°
Date: 2007-08-02
Model: IGRF2005-10

WELL DETAILS: Sand Wash L-31-8-17

GL 5313' & RKB 12' @ 5325.00ft (NDSI 2) 5313.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 7198646.80 2048282.23 40° 4' 22.750 N 110° 2' 32.810 W



FORMATION TOP DETAILS

Plan: Plan #1 (Sand Wash L-31-8-17/OH)

Created By: Rex Hall Date: 2007-08-02

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|---------|-------|--------|---------|--------|---------|------|--------|---------|---------------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1344.97 | 11.17 | 312.01 | 1340.26 | 48.47 | -53.81 | 1.50 | 312.01 | 72.42 | |
| 4 | 5381.24 | 11.17 | 312.01 | 5300.00 | 572.00 | -635.00 | 0.00 | 0.00 | 854.64 | Sand Wash L-31-8-17 |
| 5 | 6426.04 | 11.17 | 312.01 | 6325.00 | 707.52 | -785.45 | 0.00 | 0.00 | 1057.13 | |

Newfield Exploration Co.

Duchesne County, UT

Sand Wash L-31-8-17

Sand Wash L-31-8-17

OH

Plan: Plan #1

Standard Planning Report

02 August, 2007

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Sand Wash L-31-8-17
Well: Sand Wash L-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sand Wash L-31-8-17
TVD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
MD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Duchesne County, UT | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Central Zone | | |

| | | | | | |
|-----------------------|--------------------------------------|--------------|-----------------|-------------------|------------------|
| Site | Sand Wash L-31-8-17, Sec 31 T8S R17E | | | | |
| Site Position: | | Northing: | 7,198,646.81 ft | Latitude: | 40° 4' 22.750 N |
| From: | Lat/Long | Easting: | 2,048,282.23 ft | Longitude: | 110° 2' 32.810 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in | Grid Convergence: | 0.93 ° |

| | | | | | | |
|----------------------|---|---------|---------------------|-----------------|---------------|------------------|
| Well | Sand Wash L-31-8-17, 2117' FSL & 725' FEL | | | | | |
| Well Position | +N-S | 0.00 ft | Northing: | 7,198,646.80 ft | Latitude: | 40° 4' 22.750 N |
| | +E-W | 0.00 ft | Easting: | 2,048,282.23 ft | Longitude: | 110° 2' 32.810 W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | ft | Ground Level: | 5,313.00 ft |

| | | | | | |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2005-10 | 2007-08-02 | 11.79 | 65.93 | 52,694 |

| | | | | |
|-------------------|------------------|------|---------------|-----------|
| Design | Plan #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) | +N-S | +E-W | Direction |
| | (ft) | (ft) | (ft) | (°) |
| | 0.00 | 0.00 | 0.00 | 312.01 |

| Plan Sections | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|-----------|-----------|-----------------------|----------------------|---------------------|---------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N-S (ft) | +E-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,344.97 | 11.17 | 312.01 | 1,340.26 | 48.47 | -53.81 | 1.50 | 1.50 | 0.00 | 312.01 | |
| 5,381.24 | 11.17 | 312.01 | 5,300.00 | 572.00 | -635.00 | 0.00 | 0.00 | 0.00 | 0.00 | Sand Wash L-31-8-17 |
| 6,426.04 | 11.17 | 312.01 | 6,325.00 | 707.52 | -785.45 | 0.00 | 0.00 | 0.00 | 0.00 | |

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Sand Wash L-31-8-17
Well: Sand Wash L-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sand Wash L-31-8-17
TVD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
MD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N-S (ft) | +E-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------------------------|--------------------|----------------|---------------------------|--------------|--------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 1.50 | | | | | | | | | |
| 700.00 | 1.50 | 312.01 | 699.99 | 0.88 | -0.97 | 1.31 | 1.50 | 1.50 | 0.00 |
| 800.00 | 3.00 | 312.01 | 799.91 | 3.50 | -3.89 | 5.23 | 1.50 | 1.50 | 0.00 |
| 900.00 | 4.50 | 312.01 | 899.69 | 7.88 | -8.75 | 11.77 | 1.50 | 1.50 | 0.00 |
| 1,000.00 | 6.00 | 312.01 | 999.27 | 14.00 | -15.55 | 20.92 | 1.50 | 1.50 | 0.00 |
| 1,100.00 | 7.50 | 312.01 | 1,098.57 | 21.87 | -24.28 | 32.68 | 1.50 | 1.50 | 0.00 |
| 1,200.00 | 9.00 | 312.01 | 1,197.54 | 31.47 | -34.94 | 47.03 | 1.50 | 1.50 | 0.00 |
| 1,300.00 | 10.50 | 312.01 | 1,296.09 | 42.81 | -47.52 | 63.96 | 1.50 | 1.50 | 0.00 |
| 1,344.97 | 11.17 | 312.01 | 1,340.26 | 48.47 | -53.81 | 72.42 | 1.50 | 1.50 | 0.00 |
| Start 11.17° Hold At 1344.97 | | | | | | | | | |
| 1,400.00 | 11.17 | 312.01 | 1,394.24 | 55.61 | -61.73 | 83.08 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 11.17 | 312.01 | 1,492.35 | 68.58 | -76.13 | 102.46 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 11.17 | 312.01 | 1,590.45 | 81.55 | -90.53 | 121.84 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 11.17 | 312.01 | 1,688.56 | 94.52 | -104.93 | 141.22 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 11.17 | 312.01 | 1,786.66 | 107.49 | -119.33 | 160.60 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 11.17 | 312.01 | 1,884.76 | 120.46 | -133.73 | 179.98 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 11.17 | 312.01 | 1,982.87 | 133.43 | -148.13 | 199.36 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 11.17 | 312.01 | 2,080.97 | 146.40 | -162.52 | 218.74 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 11.17 | 312.01 | 2,179.08 | 159.37 | -176.92 | 238.12 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 11.17 | 312.01 | 2,277.18 | 172.34 | -191.32 | 257.50 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 11.17 | 312.01 | 2,375.28 | 185.31 | -205.72 | 276.88 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 11.17 | 312.01 | 2,473.39 | 198.28 | -220.12 | 296.26 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 11.17 | 312.01 | 2,571.49 | 211.26 | -234.52 | 315.64 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 11.17 | 312.01 | 2,669.60 | 224.23 | -248.92 | 335.02 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 11.17 | 312.01 | 2,767.70 | 237.20 | -263.32 | 354.40 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 11.17 | 312.01 | 2,865.80 | 250.17 | -277.72 | 373.78 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 11.17 | 312.01 | 2,963.91 | 263.14 | -292.12 | 393.16 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 11.17 | 312.01 | 3,062.01 | 276.11 | -306.52 | 412.54 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 11.17 | 312.01 | 3,160.12 | 289.08 | -320.92 | 431.92 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 11.17 | 312.01 | 3,258.22 | 302.05 | -335.32 | 451.30 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 11.17 | 312.01 | 3,356.33 | 315.02 | -349.72 | 470.68 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 11.17 | 312.01 | 3,454.43 | 327.99 | -364.12 | 490.06 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 11.17 | 312.01 | 3,552.53 | 340.96 | -378.51 | 509.44 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 11.17 | 312.01 | 3,650.64 | 353.93 | -392.91 | 528.82 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 11.17 | 312.01 | 3,748.74 | 366.91 | -407.31 | 548.20 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 11.17 | 312.01 | 3,846.85 | 379.88 | -421.71 | 567.58 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 11.17 | 312.01 | 3,944.95 | 392.85 | -436.11 | 586.96 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 11.17 | 312.01 | 4,043.05 | 405.82 | -450.51 | 606.34 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 11.17 | 312.01 | 4,141.16 | 418.79 | -464.91 | 625.72 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 11.17 | 312.01 | 4,239.26 | 431.76 | -479.31 | 645.10 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 11.17 | 312.01 | 4,337.37 | 444.73 | -493.71 | 664.48 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 11.17 | 312.01 | 4,435.47 | 457.70 | -508.11 | 683.86 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 11.17 | 312.01 | 4,533.57 | 470.67 | -522.51 | 703.24 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 11.17 | 312.01 | 4,631.68 | 483.64 | -536.91 | 722.62 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 11.17 | 312.01 | 4,729.78 | 496.61 | -551.31 | 742.00 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 11.17 | 312.01 | 4,827.89 | 509.58 | -565.71 | 761.38 | 0.00 | 0.00 | 0.00 |

Scientific Drilling

Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Sand Wash L-31-8-17
Well: Sand Wash L-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sand Wash L-31-8-17
TVD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
MD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N-S (ft) | +E-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|----------------------------|-----------------|-------------|---------------------|-----------|-----------|-----------------------|-----------------------|----------------------|---------------------|
| 5,000.00 | 11.17 | 312.01 | 4,925.99 | 522.55 | -580.10 | 780.76 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 11.17 | 312.01 | 5,024.10 | 535.53 | -594.50 | 800.14 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 11.17 | 312.01 | 5,122.20 | 548.50 | -608.90 | 819.52 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 11.17 | 312.01 | 5,220.30 | 561.47 | -623.30 | 838.90 | 0.00 | 0.00 | 0.00 |
| 5,381.24 | 11.17 | 312.01 | 5,300.00 | 572.00 | -635.00 | 854.64 | 0.00 | 0.00 | 0.00 |
| Sand Wash L-31-8-17 | | | | | | | | | |
| 5,400.00 | 11.17 | 312.01 | 5,318.41 | 574.44 | -637.70 | 858.28 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 11.17 | 312.01 | 5,416.51 | 587.41 | -652.10 | 877.66 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 11.17 | 312.01 | 5,514.62 | 600.38 | -666.50 | 897.04 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 11.17 | 312.01 | 5,612.72 | 613.35 | -680.90 | 916.42 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 11.17 | 312.01 | 5,710.82 | 626.32 | -695.30 | 935.80 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 11.17 | 312.01 | 5,808.93 | 639.29 | -709.70 | 955.18 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 11.17 | 312.01 | 5,907.03 | 652.26 | -724.10 | 974.56 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 11.17 | 312.01 | 6,005.14 | 665.23 | -738.50 | 993.94 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 11.17 | 312.01 | 6,103.24 | 678.20 | -752.90 | 1,013.32 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 11.17 | 312.01 | 6,201.34 | 691.18 | -767.30 | 1,032.70 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 11.17 | 312.01 | 6,299.45 | 704.15 | -781.69 | 1,052.08 | 0.00 | 0.00 | 0.00 |
| 6,426.04 | 11.17 | 312.01 | 6,325.00 | 707.52 | -785.45 | 1,057.13 | 0.00 | 0.00 | 0.00 |

Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N-S (ft) | +E-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|-------------------------|---------------|--------------|----------|-----------|-----------|---------------|--------------|-----------------|------------------|
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| Sand Wash L-31-8-17 | 0.00 | 0.00 | 5,300.00 | 572.00 | -635.00 | 7,199,208.38 | 2,047,637.99 | 40° 4' 28.403 N | 110° 2' 40.979 W |
| - plan hits target | | | | | | | | | |
| - Circle (radius 75.00) | | | | | | | | | |

Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|-----------|------------------------------|
| | | +N-S (ft) | +E-W (ft) | |
| 600.00 | 600.00 | 0.00 | 0.00 | Start Build 1.50 |
| 1,344.97 | 1,340.26 | 48.47 | -53.81 | Start 11.17° Hold At 1344.97 |

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/24/2007

API NO. ASSIGNED: 43-013-33761

WELL NAME: SAND WASH FED L-31-8-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NESE 31 080S 170E

SURFACE: 2117 FSL 0725 FEL

BOTTOM: 2635 FSL 1320 FEL

COUNTY: DUCHESNE

LATITUDE: 40.07296 LONGITUDE: -110.0417

UTM SURF EASTINGS: 581720 NORTHINGS: 4436085

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74869

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-10136)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: SAND WASH (GRRV)

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 229-2

Eff Date: 11-4-1997

Siting: Suspends General Siting

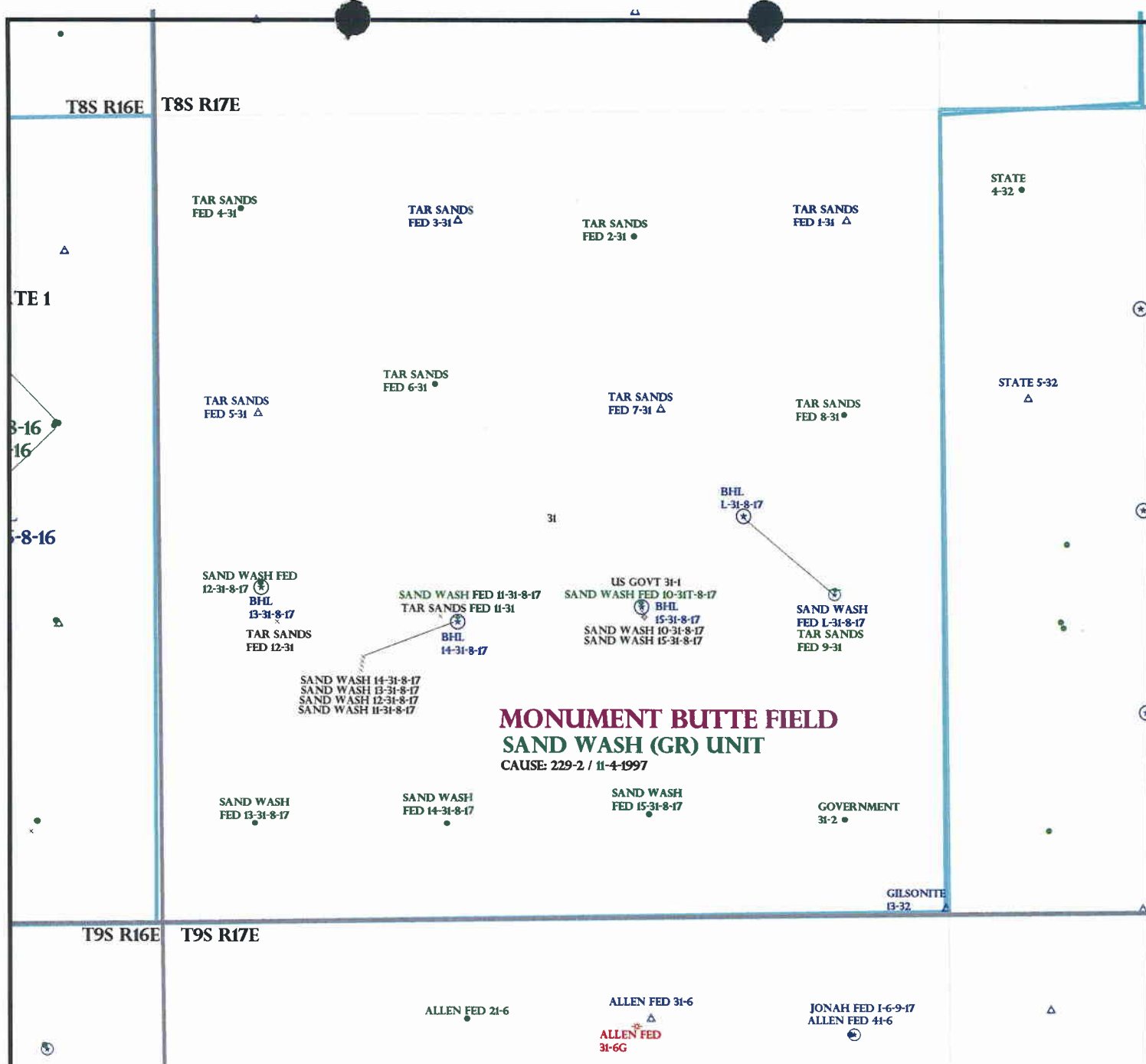
☒ R649-3-11. Directional Drill

COMMENTS:

Sep, Separate R/W

STIPULATIONS:

1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 31 T.8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 229-2 / 11-4-1997

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON
DATE: 31-AUGUST-2007



August 23, 2007

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Sand Wash Federal L-31-8-17
Sand Wash Unit
UTU-76788X
Surface Hole: T8S R17E, Section 31: NE/4SE/4
2117' FSL 725' FEL
Bottom Hole: T8S R17E, Section 31: NE/4SE/4
2635' FSL 1320' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated July 31, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Sand Wash Federal Unit UTU-76788X. Newfield certifies that it is the Sand Wash Unit Operator and all lands within 460 feet of the entire directional well bore are within the Sand Wash Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

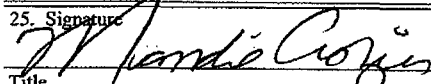
| |
|---|
| 5. Lease Serial No. UTU-74869 |
| 6. If Indian, Allottee or Tribe Name N/A |
| 7. If Unit or CA Agreement, Name and No. Sand Wash Unit |
| 8. Lease Name and Well No. Sand Wash Federal L-31-8-17 |
| 9. API Well No. |
| 10. Field and Pool, or Exploratory Monument Butte |
| 11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E |
| 12. County or Parish Duchesne |
| 13. State UT |

| | | |
|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | |
| 2. Name of Operator Newfield Production Company | | |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | 3b. Phone No. (include area code) (435) 646-3721 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2117' FSL 725' FEL At proposed prod. zone NE/SE 2635' FSL 1320' FEL | | |
| 14. Distance in miles and direction from nearest town or post office* Approximately 11.5 miles southeast of Myton, Utah | | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/ise, 1320' f/unit | 16. No. of Acres in lease 1,177.07 | 17. Spacing Unit dedicated to this well 20 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1070' | 19. Proposed Depth 6500' | 20. BLM/BIA Bond No. on file UTB000192 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5313' GL | 22. Approximate date work will start* 4th Quarter 2007 | 23. Estimated duration Approximately seven (7) days from spud to rig release. |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

| | | |
|--|--|-----------------|
| 25. Signature  | Name (Printed/Typed) Mandie Crozier | Date 8/17/07 |
| Title Regulatory Specialist | | |

| | | |
|-------------------------|----------------------|------|
| Approved by (Signature) | Name (Printed/Typed) | Date |
| | | |
| Title | Office | |
| | | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 31, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Sand Wash Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2007 within the Sand Wash Unit, Duchesne County, Utah.

| API# | WELL NAME | LOCATION |
|------|-----------|----------|
|------|-----------|----------|

(Proposed PZ Green River)

| | | |
|--------------|--|--|
| 43-013-33761 | Sand Wash Fed L-31-8-17 Sec 31 T08S R17E 2117 FSL 0725 FEL | |
| | BHL Sec 31 T08S R17E 2635 FSL 1320 FEL | |

We have no objections to permitting the well so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Sand Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-31-07



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2007

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Sand Wash Federal L-31-8-17 Well, Surface Location 2117' FSL, 725' FEL, NE SE, Sec. 31, T. 8 South, R. 17 East, Bottom Location 2635' FSL, 1320' FEL, NE SE, Sec. 31, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33761.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: _____ Newfield Production Company
Well Name & Number _____ Sand Wash Federal L-31-8-17
API Number: _____ 43-013-33761
Lease: _____ UTU-74869

Surface Location: NE SE Sec. 31 T. 8 South R. 17 East
Bottom Location: NE SE Sec. 31 T. 8 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

2007 AUG 23 AM 11:32

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | |
|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-74869 |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name N/A |
| 2. Name of Operator Newfield Production Company | | 7. If Unit or CA Agreement, Name and No. Sand Wash Unit |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | | 8. Lease Name and Well No. Sand Wash Federal L-31-8-17 |
| 3b. Phone No. (include area code) (435) 646-3721 | | 9. API Well No. 43-013-33761 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2117' FSL 725' FEL At proposed prod. zone NE/SE 2635' FSL 1320' FEL | | 10. Field and Pool, or Exploratory Monument Butte |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 11.5 miles southeast of Myton, Utah | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/lse, 1320' f/unit | 16. No. of Acres in lease 1,177.07 | 17. Spacing Unit dedicated to this well 20 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1070' | 19. Proposed Depth 6500' | 20. BLM/BIA Bond No. on file UTB000192 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5313' GL | 22. Approximate date work will start* 4th Quarter 2007 | 23. Estimated duration Approximately seven (7) days from spud to rig release. |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|--------------------------------|--|-----------------|
| 25. Signature | Name (Printed/Typed) Mandie Crozier | Date 8/17/07 |
| Title Regulatory Specialist | | |

| | | |
|---|--------------------------------------|---------------------|
| Approved by (Signature) | Name (Printed/Typed) Jerry Kewick | Date AUG 14 2008 |
| Title Assistant Field Manager Lands & Mineral Resources | | |
| Office VERNAL FIELD OFFICE | | |

Application approval does not certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

AUG 21 2008

U006M

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

NO NOS

Posted 8/23/07

07BM6839A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Sand Wash Federal L-31-8-17
API No: 43-013-33761

Location: NESE, Sec. 31, T8S, R17E
Lease No: UTU-74869
Agreement: Sand Wash Unit

| Title | Name | Office Phone Number | Cell Phone Number |
|-----------------------------------|-----------------|---------------------|-------------------|
| Petroleum Engineer: | Matt Baker | (435) 781-4490 | (435) 828-4470 |
| Petroleum Engineer: | Michael Lee | (435) 781-4432 | (435) 828-7875 |
| Petroleum Engineer: | James Ashley | (435) 781-4470 | (435) 828-7874 |
| Petroleum Engineer: | Ryan Angus | (435) 781-4430 | (435) 828-7368 |
| Supervisory Petroleum Technician: | Jamie Sparger | (435) 781-4502 | (435) 828-3913 |
| Supervisory NRS: | Karl Wright | (435) 781-4484 | (435) 828-7381 |
| NRS/Enviro Scientist: | Holly Villa | (435) 781-4404 | (435) 828-3544 |
| NRS/Enviro Scientist: | James Hereford | (435) 781-3412 | |
| NRS/Enviro Scientist: | Chuck Macdonald | (435) 781-4441 | (435) 828-7481 |
| NRS/Enviro Scientist: | Dan Emmett | (435) 781-3414 | |
| NRS/Enviro Scientist: | Paul Percival | (435) 781-4493 | |
| NRS/Enviro Scientist: | Michael Cutler | (435) 781-3401 | (435) 828-3546 |
| NRS/Enviro Scientist: | Anna Figueroa | (435) 781-3407 | (435) 828-3548 |
| NRS/Enviro Scientist: | Verlyn Pindell | (435) 781-3402 | (435) 828-3547 |
| NRS/Enviro Scientist: | Darren Williams | (435) 781-4447 | (435) 828-4029 |
| NRS/Enviro Scientist: | Nathan Packer | (435) 781-3405 | (435) 828-3545 |

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | |
|---|--|
| Location Construction (Notify Environmental Scientist) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

STIPULATIONS:

- There is a Ferruginous Hawk nest approximately 0.26 miles west of the project area. With this occurrence there will be a timing restriction to minimize disturbance during Ferruginous Hawk nesting from March 1 – July 15.
- The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance to **Mountain plover nesting from May 15 – June 15.**

Lease Notices (field review and RMP):

- Lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of the onsite should require additional surveys and clearances.

Based on the previous field exam and existing data, and if all timing restrictions are adhered to then, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

| Common name | Latin name | lbs/acre | Recommended seed planting depth |
|---------------------|-------------------------------|----------|---------------------------------|
| Squirreltail grass | <i>Elymus elymoides</i> | 3.0 | ¼ - ½" |
| Siberian wheatgrass | <i>Agropyron fragile</i> | 1.0 | ½" |
| Shadscale saltbush | <i>Atriplex confertifolia</i> | 0.50 | ½" |
| Four-wing saltbush | <i>Atriplex canescens</i> | 0.50 | ½" |
| Gardner's saltbush | <i>Atriplex gardneri</i> | 0.50 | ½" |
| Scarlet globemallow | <i>Sphaeralcea coccinea</i> | 0.10 | ⅛ - ¼" |
| Forage Kochia | <i>Kochia prostrata</i> | 0.10 | ⅛ - ¼" |

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

- **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Ensure production casing is cemented back to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74869

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SAND WASH (GR RVR)

8. Well Name and No.

SAND WASH FEDERAL L-31-8-17

9. API Well No.

43-013-33761

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2117 FSL 725 FEL NE/SE Section 31, T8S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year.

This APD is not yet due to expire with the BLM.

RECEIVED**AUG 28 2008**

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 9.3.2008Initials: KS

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09-02-08By: [Signature]

14. I hereby certify that the foregoing is true and correct.

Signed Mandie Crozier Title Regulatory Specialist Date 8/27/2008
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33761
Well Name: Sand Wash Federal L-31-8-17
Location: NE/SE Section 31, T8S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 9/4/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

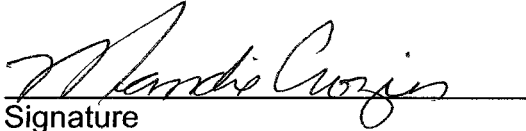
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

8/27/2008

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: SAND WASH FED L-31-8-17

Api No: 43-013-33761 Lease Type: FEDERAL

Section 31 Township 08S Range 17E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 09/02/08

Time 11:30 AM

How DRY

Drilling will Commence: _____

Reported by ALVIN NIELSEN

Telephone # (435) 823-7468

Date 09/03/08 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|--|--------------------|----------------|------------|------------------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 17067 | 4301333770 | FEDERAL 8-30-9-17 | SENE | 30 | 9S | 17E | DUCHESNE | 8/28/2008 | 9/22/08 |
| WELL 1 COMMENTS: GRRU | | | | | | | | | | | |
| A | 99999 | 17068 | 4304737656 | GUSHER FED 6-24-6-20 | SENW | 24 | 6S | 20E | UINTAH | 8/29/2008 | 9/22/08 |
| WELL 2 COMMENTS: GRRU | | | | | | | | | | | |
| A | 99999 | 17069 | 4301333914 | HANCOCK 16-20-4-1 | SESE | 20 | 4S | 1W | DUCHESNE | 9/3/2008 | 9/22/08 |
| WELL 3 COMMENTS: GRRU | | | | | | | | | | | |
| A | 99999 | 17070 | 4301333944 | UTE TRIBAL 12-22-4-1 | NWSW | 22 | 4S | 1W | DUCHESNE | 9/3/2008 | 9/22/08 |
| WELL 4 COMMENTS: GRRU | | | | | | | | | | | |
| B | 99999 | 12308 | 4301333761 | SANDWASH FED L-31-8-17 | NESW | 31 | 8S | 17E | DUCHESNE | 9/2/2008 | 9/22/08 |
| WELL 5 COMMENTS: GRRU BNL = NESE | | | | | | | | | | | |
| | | | | | | | | | | | |
| WELL 6 COMMENTS: | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (gravel or gravel well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

SEP 04 2008

DIV. OF OIL, GAS & MINING

Signature

Production Clerk

JENTRI PARK

01/02/08

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2117 FSL 725 FEL

Section 31 T8S R17E

5. Lease Serial No.

USA UTU-74869

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

SAND WASH UNIT

8. Well Name and No.

SANDWASH L-31-8-17

9. API Well No.

4301333761

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|--|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | Spud Notice |
| | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/2/08 MIRU Ross # 24. Spud well @ 11:30 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 317.29 KB. On 9/4/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Ryan Crum

Signature

Title

Drilling Foreman

Date

09/05/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

SEP 10 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 317.29

LAST CASING 8 5/8" SET AT 337.15'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Sand Wash Federal L-31-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig # 24

| LOG OF CASING STRING: | | | | | | | | |
|---|--------|---|-----------|---------------------|-----------------------------|-------|--------|---------------|
| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH | |
| | | | | | | | | |
| | | Shoe Joint 28.49' | | | | | | |
| | | WHI - 92 csg head | | | 8rd | A | 0.95 | |
| 8 | 8 5/8" | Maverick ST&C csg | 24# | J-55 | 8rd | A | 305.44 | |
| | | GUIDE shoe | | | 8rd | A | 0.9 | |
| CASING INVENTORY BAL. | | | FEET | JTS | TOTAL LENGTH OF STRING | | | 307.29 |
| TOTAL LENGTH OF STRING | | | 307.29 | 8 | LESS CUT OFF PIECE | | | 2 |
| LESS NON CSG. ITEMS | | | 1.85 | | PLUS DATUM TO T/CUT OFF CSG | | | 12 |
| PLUS FULL JTS. LEFT OUT | | | 0 | | CASING SET DEPTH | | | 317.29 |
| TOTAL | | | 305.44 | 8 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | | 305.44 | 8 | | | | |
| TIMING | | | 1ST STAGE | | | | | |
| BEGIN RUN CSG. Spud | | | 9/2/2008 | 11:30 AM | GOOD CIRC THRU JOB | | | YES |
| CSG. IN HOLE | | | 9/2/2008 | 2:30 PM | Bbls CMT CIRC TO SURFACE | | | 5 |
| BEGIN CIRC | | | 9/4/2008 | 5:25 PM | RECIPROCATED PIPE FOR | | | N/A |
| BEGIN PUMP CMT | | | 9/4/2008 | 5:33 PM | | | | |
| BEGIN DSPL. CMT | | | 9/4/2008 | 5:44 PM | BUMPED PLUG TO | | | 120 PSI |
| PLUG DOWN | | | 9/4/2008 | 5:53 PM | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | | |
| 1 | 160 | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | | | SHOW MAKE & SPACING | | | | |
| Centralizers - Middle first, top second & third for 3 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

COMPANY REPRESENTATIVE Ryan Crum DATE 9/4/2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2117 FSL 725 FEL
Section 31 T8S R17E

5. Lease Serial No.

USA UTU-74869

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
SAND WASH UNIT

8. Well Name and No.
SANDWASH L-31-8-17

9. API Well No.
4301333761

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|--|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | Weekly Status Report _____ |
| | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9-9-08 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 289'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6264'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 159 jt's of 5.5 J-55, 15.5# csgn. Set @ 6255.74' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 68 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 108,000 #'s tension. Release rig @ 10:00 PM on 9/16/08.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Ryan Crum

Signature

Title

Drilling Foreman

Date

09/18/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

SEP 24 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6255.74

Flt cllr @ 6213.63

LAST CASING 8 5/8" Set @ 328.09

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Sand Wash L-31-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI Rig # 2

TD DRILLER 6264 TD loggers

HOLE SIZE 7 7/8"

| LOG OF CASING STRING: | | | | | | | |
|---|--------|--|---------------------|-----------------------------|--------|------------|---------|
| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
| | | Landing Jt | | | | | 0 |
| | | Short jt 6.66' @ 4351.35' | | | | | |
| 158 | 5 1/2" | ETC LT & C casing | 15.5# | J-55 | 8rd | A | 6215.63 |
| | | | | | | | 0.6 |
| 1 | 5 1/2" | ETC LT&C csg | 15.5# | J-55 | 8rd | A | 40.86 |
| | | GUIDE shoe | | | 8rd | A | 0.65 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 6257.74 |
| TOTAL LENGTH OF STRING | | 6257.74 | 159 | LESS CUT OFF PIECE | | | 14 |
| LESS NON CSG. ITEMS | | 15.25 | 10 | PLUS DATUM TO T/CUT OFF CSG | | | 12 |
| PLUS FULL JTS. LEFT OUT | | 395.88 | 10 | CASING SET DEPTH | | | 6255.74 |
| TOTAL | | 6638.37 | 169 | | | | |
| TOTAL CSG. DEL. (W/O THRS) | | 6638.37 | 169 | } COMPARE | | | |
| TIMING | | 1ST STAGE | 2nd STAGE | | | | |
| BEGIN RUN CSG. | | 9/17/2008 | 6:30 AM | GOOD CIRC THRU JOB | | Yes | |
| CSG. IN HOLE | | 9/17/2008 | 11:30 AM | Bbls CMT CIRC to surface | | 68 | |
| BEGIN CIRC | | 9/17/2008 | 11:35 AM | RECIPROCATED PIPE FOR | | THRUSTROKE | |
| BEGIN PUMP CMT | | 9/17/2008 | 2:14 PM | DID BACK PRES. VALVE HOLD ? | | yes | |
| BEGIN DSPL. CMT | | 9/17/2008 | 3:40 PM | BUMPED PLUG TO | | 1850 PSI | |
| PLUG DOWN | | 9/17/2008 | 4:01 PM | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 350 | Premlite II w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF | | | | | |
| | | mixed @ 11.0 ppg W / 3.49 cf/sk yield | | | | | |
| 2 | 450 | 50/50:2 W/ 2% Gel + 3% KCL, 5%EC1, 1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | | SHOW MAKE & SPACING | | | | |
| Centralizers - Middle first, top second & third. Then every third collar for a total of 20. | | | | | | | |
| | | | | | | | |
| | | | | | | | |

COMPANY REPRESENTATIVE Ryan Crum

DATE 9/17/2008

RECEIVED

SEP 24 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74869 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: SAND WASH UNIT |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE 2117 FSL 725 FEL | | 8. WELL NAME and NUMBER: SANDWASH L-31-8-17 |
| 5. PHONE NUMBER: 435 646.3721 | | 9. API NUMBER: 4301333761 |
| 6. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE | | |
| 7. COUNTY DUCHESNE | | |
| 8. STATE UT | | |

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/17/2008 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER - Weekly Status Report |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 9-9-08 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 289'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6264'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIW with Guide shoe, shoe jt, float collar, 159 jt's of 5.5 J-55, 15.5# csgn. Set @ 6255.74' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yd. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yd. Returned 68 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 108,000 #'s tension. Release rig @ 10:00 PM on 9/16/08.

NAME (PLEASE PRINT) Ryan Crum

TITLE Drilling Foreman

SIGNATURE

DATE 09/18/2008

(This space for State use only)

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DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____2. Name of Operator
NEWFIELD EXPLORATION COMPANY3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2635' FSL & 725' FEL (NE/SE) SEC. 31, T8S, R17E

2117 FSL 725 FEL

85 17E 31

At top prod. interval reported below BHL: 2635' FSL & 1320' FEL (NE/SE)

At total depth

6264' 2622 fne 1408 fel per HSM review

14. Date Spudded
06/02/200815. Date T.D. Reached
09/16/200816. Date Completed 10/07/2008
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
5313' GL 5325' KB18. Total Depth: MD 6264'
TVD 6104'19. Plug Back T.D.: MD 6214'
TVD 6134'20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12-1/4" | 8-5/8" J-55 | 24# | | 327' | | 160 CLASS G | | | |
| 7-7/8" | 5-1/2" J-55 | 15.5# | | 6256' | | 350 PRIMLITE | | 0' | |
| | | | | | | 450 50/50 POZ | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | EOT@ 5955' | TA @ 5803' | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-----|--------|-------------------------|------|-----------|--------------|
| A) GREEN RIVER | | | BLKSH 6174-6182' | .49" | 4 | 64 |
| B) GREEN RIVER | | | (CP3) see below | .49" | 4 | 240 |
| C) GREEN RIVER | | | (CP1) & (CP2) see below | .49" | 4 | 112 |
| D) GREEN RIVER | | | (LODC) & (A3) see below | .49" | 4 | 200 |

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 6174-6182' | Frac BLKSH sds w/ 6,576#s of 20/40 sand in 172 bbls of Lightning 17 fluid. |
| 5992-6066' | Frac CP3 sds w/ 24,231#s of 20/40 sand in 382 bbls of Lightning 17 fluid. |
| 5840-5908' | Frac CP1/CP2 sds w/ 55,279#s of 20/40 sand in 485 bbls of Lightning 17 fluid. |
| 5498-5580' | Frac A3/LODC sds w/ 129,903#s of 20/40 sand in 927 bbls of Lightning 17 fluid. |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|---|
| 10/07/08 | 11/04/08 | 24 | → | 18 | 40 | 60 | | | 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | PRODUCING | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | |

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | |

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|-----------|-----|--------|------------------------------|--|----------------|
| | | | | | Meas. Depth |
| | | | | GARDEN GULCH MRK GARDEN GULCH 1 | 3929' 4129' |
| | | | | GARDEN GULCH 2 POINT 3 | 4248' 4519' |
| | | | | X MRKR Y MRKR | 4760' 4796' |
| | | | | DOUGALS CREEK MRK BI CARBONATE MRK | 4921' 5160' |
| | | | | B LIMESTON MRK CASTLE PEAK | 5279' 5786' |
| | | | | BASAL CARBONATE TOTAL DEPTH (LOGGERS) | 6214' 6259' |

32. Additional remarks (include plugging procedure):

STAGE 2: Perforate CP3 sds @ 5992-6006', 6010-32', 6042-66' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 240 shots.
 STAGE 3: Perforate CP1 sds @ 5840-48' & CP2 sd @ 5892-5904' & 5908-16' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 112 shots.
 STAGE 4: Perforate LODC sds @ 5574-80' & A3 sds @ 5498-5512', 5480-88', 5460-70' & 5438-50' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 200 shots.
 STAGE 5: Perforate A.5 sds @ 5366-78' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services.Frac A.5 sds w/ 50,663#s of 20/40 sand in 466 bbls of Lightning 17 fluid.
 STAGE 6: Perforate D1 sds @ 4954-68' & D2 sds @ 5010-14' & 5018-28' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 112 shots. Frac D1/D2 sds w/ 54,007#s of 20/40 sand in 497 bbls of Lightning 17 fluid.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi LeeTitle Production Clerk

Signature _____

Date 07/21/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Scientific
Drilling**

Directional Survey Certification

7327 West Barton Road

Casper, WY 82604

(307)-472-6621 Fax (307) 472-5439

| | |
|-----------------|---------------------------------|
| Operator | <u>Newfield Exploration Co.</u> |
| Well Name & No. | <u>Sandwash L-31-8-17</u> |
| County & State | <u>Duchesne County, UT</u> |
| SDI Job No. | <u>42DEF0809740</u> |
| Rig | <u>NDSI 2</u> |

I, Julie Cruse, having personal knowledge of all the facts, hereby
certify that the attached directional survey run from a measured depth of 355 feet to a
measured depth of 6264 feet is true and correct as determined from all available records.

Julie Cruse
Signature

29-Sep-08

Date

Julie Cruse

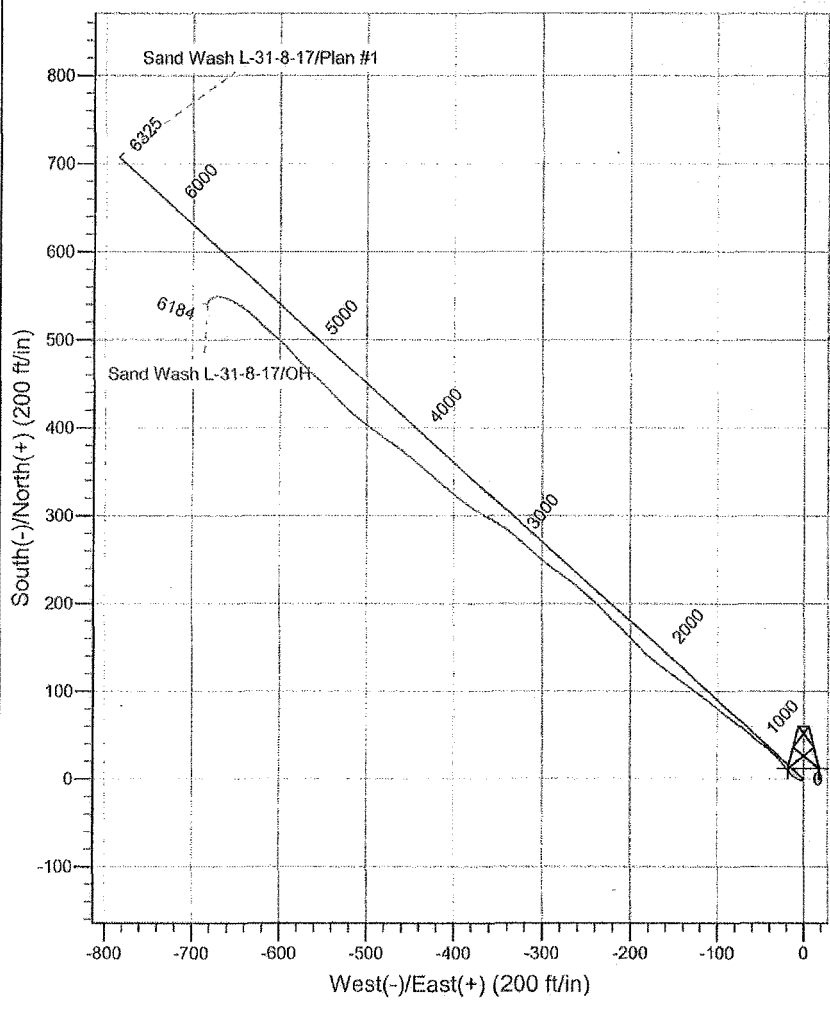
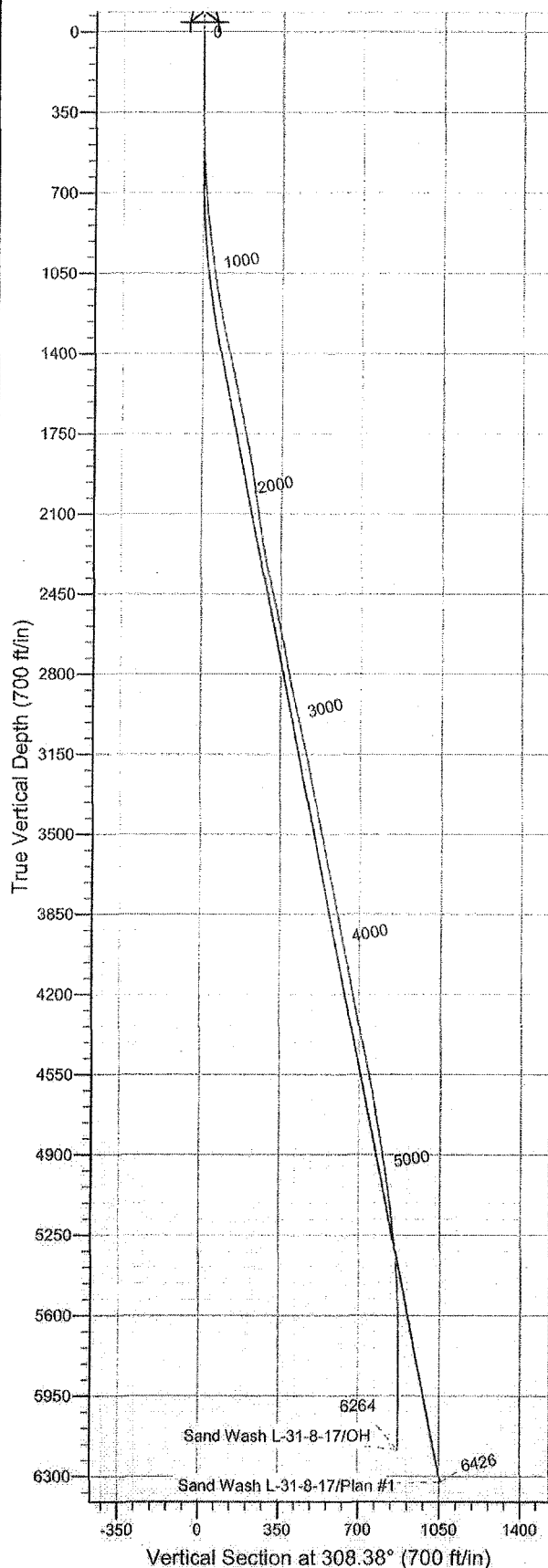
Rockies Region Engineer

Scientific Drilling - Rocky Mountain District



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83
Site: Sand Wash L-31-8-17
Well: Sand Wash L-31-8-17
Wellbore: OH
Design: OH



WELL DETAILS: Sand Wash L-31-8-17

| +N/-S | +E/-W | Ground Level: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2) | North | East | Latitude | Longitude | Slot |
|-------|-------|---|------------|------------|-----------------|------------------|------|
| 0.00 | 0.00 | | 7198646.80 | 2048282.23 | 40° 4' 22.750 N | 110° 2' 32.810 W | |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Sand Wash L-31-8-17, True North
Vertical (TVD) Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
Calculation Method: Minimum Curvature
Local North: No north reference data is available
Location: Sec 31 T8S R17E

PROJECT DETAILS: Duchesne County, UT NAD83 UTM Design: OH (Sand Wash L-31-8-17/OH)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

Created By: Laura Turner Date: 2008-09-15

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Sand Wash L-31-8-17

Sand Wash L-31-8-17

OH

Design: OH

Standard Survey Report

25 September, 2008

Scientific Drilling

Survey Report

| | | | |
|------------------|-------------------------------|-------------------------------------|---|
| Company: | Newfield Exploration Co. | Local Co-ordinate Reference: | Well Sand Wash L-31-8-17 |
| Project: | Duchesne County, UT NAD83 UTC | TVD Reference: | GL 5313' & RKB 12' @ 5325.00ft (NDSI 2) |
| Site: | Sand Wash L-31-8-17 | MD Reference: | GL 5313' & RKB 12' @ 5325.00ft (NDSI 2) |
| Well: | Sand Wash L-31-8-17 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | EDM 2003.16 Multi User Db |

| | | | |
|--------------------|-------------------------------|----------------------|----------------|
| Project | Duchesne County, UT NAD83 UTC | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Central Zone | | |

| | | | | | |
|------------------------------|--------------------------------------|---------------------|-----------------|--------------------------|------------------|
| Site | Sand Wash L-31-8-17, Sec 31 T8S R17E | | | | |
| Site Position: | | Northing: | 7,198,646.81 ft | Latitude: | 40° 4' 22.750 N |
| From: | Lat/Long | Easting: | 2,048,282.23 ft | Longitude: | 110° 2' 32.810 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in | Grid Convergence: | 0.93 ° |

| | | | | | | |
|-----------------------------|---|----------------------------|------------------|----------------------|-------------------|------------------|
| Well | Sand Wash L-31-8-17, 2117' FSL & 725' FEL | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 7,198,646.80 ft | Latitude: | 40° 4' 22.750 N |
| | +E/-W | 0.00 ft | Easting: | 2,048,282.23 ft | Longitude: | 110° 2' 32.810 W |
| Position Uncertainty | 0.00 ft | Wellhead Elevation: | ft | Ground Level: | 5,313.00 ft | |

Wellbore OH

| | | | | | |
|------------------|-------------------|--------------------|--------------------|------------------|-----------------------|
| Magnetics | Model Name | Sample Date | Declination | Dip Angle | Field Strength |
| | IGRF2005-10 | 2008-09-06 | (°) | (°) | (nT) |
| | | | 11.65 | 65.90 | 52,590 |

Design OH

Audit Notes:

| | | | | | |
|-----------------|-----|---------------|--------|----------------------|------|
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.00 |
|-----------------|-----|---------------|--------|----------------------|------|

| | | | | |
|--------------------------|-------------------------|--------------|--------------|------------------|
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W | Direction |
| | (ft) | (ft) | (ft) | (°) |
| | 0.00 | 0.00 | 0.00 | 308.38 |

Survey Program Date 2008-09-25

| | | | | |
|-------------|-----------|--------------------------|------------------|--------------------|
| From | To | Survey (Wellbore) | Tool Name | Description |
| (ft) | (ft) | | | |
| 355.00 | 6,264.00 | Survey #1 (OH) | MWD | MWD - Standard |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 355.00 | 0.58 | 227.13 | 354.99 | -1.22 | -1.32 | 0.27 | 0.16 | 0.16 | 0.00 |
| First MWD Survey | | | | | | | | | |
| 385.00 | 0.71 | 236.62 | 384.99 | -1.43 | -1.58 | 0.35 | 0.56 | 0.43 | 31.63 |
| 416.00 | 0.51 | 269.12 | 415.99 | -1.54 | -1.88 | 0.52 | 1.26 | -0.65 | 104.84 |
| 447.00 | 1.14 | 272.30 | 446.99 | -1.53 | -2.33 | 0.88 | 2.04 | 2.03 | 10.26 |
| 478.00 | 2.08 | 286.86 | 477.97 | -1.35 | -3.17 | 1.65 | 3.28 | 3.03 | 46.97 |
| 508.00 | 2.04 | 288.45 | 507.96 | -1.02 | -4.20 | 2.66 | 0.23 | -0.13 | 5.30 |
| 540.00 | 2.69 | 287.54 | 539.93 | -0.62 | -5.46 | 3.90 | 2.03 | 2.03 | -2.84 |
| 572.00 | 3.06 | 292.54 | 571.89 | -0.06 | -6.96 | 5.42 | 1.40 | 1.16 | 15.62 |
| 603.00 | 3.81 | 300.92 | 602.83 | 0.78 | -8.61 | 7.24 | 2.91 | 2.42 | 27.03 |
| 635.00 | 4.15 | 305.25 | 634.75 | 2.00 | -10.47 | 9.45 | 1.42 | 1.06 | 13.53 |
| 667.00 | 4.27 | 313.60 | 666.67 | 3.49 | -12.28 | 11.79 | 1.95 | 0.37 | 26.09 |

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
 Project: Duchesne County, UT NAD83 UTC
 Site: Sand Wash L-31-8-17
 Well: Sand Wash L-31-8-17
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well Sand Wash L-31-8-17
 TVD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
 MD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.16 Multi User Db

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 698.00 | 4.48 | 316.98 | 697.58 | 5.17 | -13.94 | 14.14 | 1.07 | 0.68 | 10.90 |
| 730.00 | 4.85 | 317.54 | 729.47 | 7.08 | -15.70 | 16.71 | 1.16 | 1.16 | 1.75 |
| 762.00 | 5.56 | 324.13 | 761.34 | 9.34 | -17.53 | 19.53 | 2.90 | 2.22 | 20.59 |
| 794.00 | 6.11 | 320.25 | 793.17 | 11.90 | -19.52 | 22.69 | 2.11 | 1.72 | -12.12 |
| 825.00 | 5.88 | 320.45 | 824.00 | 14.39 | -21.59 | 25.86 | 0.74 | -0.74 | 0.65 |
| 857.00 | 6.59 | 317.81 | 855.82 | 17.02 | -23.87 | 29.28 | 2.39 | 2.22 | -8.25 |
| 889.00 | 6.98 | 316.68 | 887.59 | 19.79 | -26.43 | 33.01 | 1.29 | 1.22 | -3.53 |
| 920.00 | 6.98 | 314.64 | 918.36 | 22.49 | -29.07 | 36.75 | 0.80 | 0.00 | -6.58 |
| 952.00 | 7.26 | 315.60 | 950.11 | 25.30 | -31.86 | 40.69 | 0.95 | 0.87 | 3.00 |
| 984.00 | 7.79 | 314.23 | 981.84 | 28.26 | -34.83 | 44.85 | 1.75 | 1.66 | -4.28 |
| 1,016.00 | 8.27 | 312.05 | 1,013.53 | 31.31 | -38.10 | 49.30 | 1.78 | 1.50 | -6.81 |
| 1,047.00 | 8.49 | 307.60 | 1,044.19 | 34.20 | -41.56 | 53.82 | 2.21 | 0.71 | -14.35 |
| 1,079.00 | 9.18 | 305.44 | 1,075.81 | 37.12 | -45.52 | 58.73 | 2.39 | 2.16 | -6.75 |
| 1,111.00 | 9.97 | 307.50 | 1,107.37 | 40.29 | -49.79 | 64.05 | 2.69 | 2.47 | 6.44 |
| 1,142.00 | 10.33 | 309.67 | 1,137.88 | 43.69 | -54.06 | 69.51 | 1.69 | 1.16 | 7.00 |
| 1,174.00 | 10.79 | 310.26 | 1,169.34 | 47.46 | -58.56 | 75.37 | 1.48 | 1.44 | 1.84 |
| 1,206.00 | 10.90 | 310.27 | 1,200.77 | 51.35 | -63.15 | 81.39 | 0.34 | 0.34 | 0.03 |
| 1,238.00 | 11.52 | 307.86 | 1,232.16 | 55.27 | -67.98 | 87.61 | 2.43 | 1.94 | -7.53 |
| 1,269.00 | 11.74 | 307.32 | 1,262.52 | 59.08 | -72.93 | 93.86 | 0.79 | 0.71 | -1.74 |
| 1,301.00 | 11.63 | 308.36 | 1,293.86 | 63.06 | -78.05 | 100.34 | 0.74 | -0.34 | 3.25 |
| 1,332.00 | 11.74 | 307.16 | 1,324.22 | 66.90 | -83.02 | 106.61 | 0.86 | 0.35 | -3.87 |
| 1,364.00 | 11.88 | 307.30 | 1,355.54 | 70.86 | -88.23 | 113.16 | 0.45 | 0.44 | 0.44 |
| 1,396.00 | 11.86 | 309.81 | 1,386.86 | 74.97 | -93.38 | 119.74 | 1.61 | -0.06 | 7.84 |
| 1,427.00 | 11.75 | 309.10 | 1,417.20 | 79.00 | -98.27 | 126.08 | 0.59 | -0.35 | -2.29 |
| 1,459.00 | 11.71 | 308.51 | 1,448.53 | 83.07 | -103.34 | 132.59 | 0.40 | -0.12 | -1.84 |
| 1,491.00 | 12.08 | 306.55 | 1,479.85 | 87.09 | -108.57 | 139.18 | 1.71 | 1.16 | -6.12 |
| 1,522.00 | 11.70 | 307.07 | 1,510.18 | 90.92 | -113.69 | 145.57 | 1.27 | -1.23 | 1.68 |
| 1,554.00 | 11.84 | 305.09 | 1,541.51 | 94.76 | -118.96 | 152.09 | 1.34 | 0.44 | -6.19 |
| 1,586.00 | 11.88 | 307.35 | 1,572.82 | 98.64 | -124.27 | 158.66 | 1.46 | 0.12 | 7.06 |
| 1,618.00 | 11.89 | 305.56 | 1,604.14 | 102.56 | -129.57 | 165.25 | 1.15 | 0.03 | -5.59 |
| 1,649.00 | 11.22 | 304.25 | 1,634.51 | 106.11 | -134.66 | 171.44 | 2.32 | -2.16 | -4.23 |
| 1,681.00 | 11.27 | 303.86 | 1,665.90 | 109.61 | -139.83 | 177.67 | 0.28 | 0.16 | -1.22 |
| 1,713.00 | 11.76 | 304.85 | 1,697.25 | 113.21 | -145.10 | 184.04 | 1.65 | 1.53 | 3.09 |
| 1,745.00 | 11.95 | 308.18 | 1,728.57 | 117.13 | -150.38 | 190.61 | 2.22 | 0.59 | 10.41 |
| 1,840.00 | 10.95 | 304.81 | 1,821.68 | 128.36 | -165.52 | 209.45 | 1.27 | -1.05 | -3.55 |
| 1,935.00 | 8.91 | 311.16 | 1,915.25 | 138.35 | -178.47 | 225.80 | 2.43 | -2.15 | 6.68 |
| 2,030.00 | 8.03 | 318.27 | 2,009.22 | 148.14 | -188.43 | 239.69 | 1.44 | -0.93 | 7.48 |
| 2,125.00 | 7.49 | 315.24 | 2,103.35 | 157.49 | -197.20 | 252.37 | 0.71 | -0.57 | -3.19 |
| 2,220.00 | 9.89 | 314.48 | 2,197.25 | 167.61 | -207.38 | 266.63 | 2.53 | 2.53 | -0.80 |
| 2,316.00 | 10.49 | 317.60 | 2,291.74 | 179.84 | -219.16 | 283.46 | 0.85 | 0.62 | 3.25 |
| 2,411.00 | 11.29 | 316.85 | 2,385.03 | 193.01 | -231.35 | 301.19 | 0.86 | 0.84 | -0.79 |
| 2,506.00 | 11.94 | 311.00 | 2,478.08 | 206.24 | -245.13 | 320.21 | 1.42 | 0.68 | -6.16 |
| 2,601.00 | 12.94 | 309.94 | 2,570.85 | 219.52 | -260.70 | 340.66 | 1.08 | 1.05 | -1.12 |
| 2,696.00 | 10.78 | 306.46 | 2,663.82 | 231.63 | -276.00 | 360.17 | 2.39 | -2.27 | -3.66 |
| 2,792.00 | 10.36 | 304.06 | 2,758.19 | 241.80 | -290.38 | 377.75 | 0.63 | -0.44 | -2.50 |
| 2,887.00 | 11.67 | 313.45 | 2,851.45 | 253.19 | -304.43 | 395.84 | 2.33 | 1.38 | 9.88 |
| 2,983.00 | 13.64 | 311.90 | 2,945.11 | 267.43 | -319.90 | 416.81 | 2.08 | 2.05 | -1.61 |
| 3,077.00 | 12.63 | 307.19 | 3,036.65 | 281.04 | -336.34 | 438.15 | 1.56 | -1.07 | -5.01 |
| 3,172.00 | 12.53 | 302.48 | 3,129.37 | 292.85 | -353.31 | 458.79 | 1.08 | -0.11 | -4.96 |
| 3,268.00 | 11.82 | 299.77 | 3,223.22 | 303.33 | -370.63 | 478.87 | 0.95 | -0.74 | -2.82 |
| 3,363.00 | 10.45 | 306.70 | 3,316.43 | 313.31 | -385.98 | 497.10 | 2.01 | -1.44 | 7.29 |
| 3,458.00 | 10.79 | 309.81 | 3,409.80 | 324.15 | -399.72 | 514.60 | 0.70 | 0.36 | 3.27 |
| 3,553.00 | 10.79 | 309.87 | 3,503.12 | 335.55 | -413.38 | 532.38 | 0.01 | 0.00 | 0.06 |
| 3,648.00 | 11.93 | 310.05 | 3,596.26 | 347.56 | -427.72 | 551.09 | 1.20 | 1.20 | 0.19 |

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sand Wash L-31-8-17
Well: Sand Wash L-31-8-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Sand Wash L-31-8-17
TVD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
MD Reference: GL 5313' & RKB 12' @ 5325.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User Db

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 3,743.00 | 12.55 | 310.93 | 3,689.10 | 360.64 | -443.03 | 571.21 | 0.68 | 0.65 | 0.93 |
| 3,849.00 | 10.78 | 306.01 | 3,792.91 | 374.02 | -459.76 | 592.63 | 1.91 | -1.67 | -4.64 |
| 3,934.00 | 10.87 | 303.73 | 3,876.40 | 383.14 | -472.85 | 608.56 | 0.51 | 0.11 | -2.68 |
| 4,029.00 | 11.20 | 306.81 | 3,969.84 | 393.64 | -487.69 | 626.71 | 0.71 | 0.35 | 3.24 |
| 4,124.00 | 10.79 | 306.75 | 4,062.90 | 404.49 | -502.20 | 644.82 | 0.43 | -0.43 | -0.06 |
| 4,219.00 | 11.19 | 311.01 | 4,156.16 | 415.86 | -516.28 | 662.92 | 0.95 | 0.42 | 4.48 |
| 4,315.00 | 10.69 | 316.57 | 4,250.41 | 428.44 | -529.43 | 681.04 | 1.22 | -0.52 | 5.79 |
| 4,410.00 | 10.97 | 316.06 | 4,343.72 | 441.35 | -541.76 | 698.71 | 0.31 | 0.29 | -0.54 |
| 4,505.00 | 12.77 | 313.45 | 4,436.69 | 455.08 | -555.66 | 718.13 | 1.98 | 1.89 | -2.75 |
| 4,600.00 | 10.69 | 313.61 | 4,529.70 | 468.38 | -569.66 | 737.37 | 2.19 | -2.19 | 0.17 |
| 4,695.00 | 10.59 | 317.85 | 4,623.07 | 480.93 | -581.90 | 754.75 | 0.83 | -0.11 | 4.46 |
| 4,790.00 | 9.02 | 315.47 | 4,716.68 | 492.71 | -592.98 | 770.75 | 1.71 | -1.65 | -2.51 |
| 4,882.00 | 9.52 | 308.54 | 4,807.48 | 502.59 | -603.99 | 785.52 | 1.33 | 0.54 | -7.53 |
| 4,977.00 | 9.77 | 312.60 | 4,901.14 | 512.94 | -616.07 | 801.41 | 0.76 | 0.26 | 4.27 |
| 5,072.00 | 8.61 | 313.96 | 4,994.91 | 523.34 | -627.12 | 816.53 | 1.24 | -1.22 | 1.43 |
| 5,167.00 | 7.55 | 307.42 | 5,088.97 | 532.06 | -637.20 | 829.85 | 1.48 | -1.12 | -6.88 |
| 5,262.00 | 6.38 | 308.40 | 5,183.27 | 539.14 | -646.29 | 841.37 | 1.24 | -1.23 | 1.03 |
| 5,357.00 | 4.80 | 295.28 | 5,277.82 | 544.11 | -654.02 | 850.52 | 2.13 | -1.66 | -13.81 |
| 5,378.59 | 4.65 | 294.17 | 5,299.33 | 544.86 | -655.64 | 852.25 | 0.81 | -0.69 | -5.14 |

Sand Wash L-31-8-17

| | | | | | | | | | |
|----------|------|--------|----------|--------|---------|--------|------|-------|--------|
| 5,452.00 | 4.16 | 289.81 | 5,372.53 | 546.98 | -660.86 | 857.66 | 0.81 | -0.67 | -5.94 |
| 5,548.00 | 3.94 | 283.10 | 5,468.29 | 548.91 | -667.35 | 863.94 | 0.54 | -0.23 | -6.99 |
| 5,643.00 | 2.91 | 259.06 | 5,563.12 | 549.19 | -672.89 | 868.46 | 1.84 | -1.08 | -25.31 |
| 5,738.00 | 1.75 | 253.12 | 5,658.04 | 548.31 | -676.65 | 870.86 | 1.25 | -1.22 | -6.25 |
| 5,833.00 | 0.99 | 237.16 | 5,753.02 | 547.44 | -678.73 | 871.95 | 0.89 | -0.80 | -16.80 |
| 5,928.00 | 1.25 | 228.79 | 5,848.00 | 546.31 | -680.19 | 872.40 | 0.32 | 0.27 | -8.81 |
| 6,023.00 | 0.71 | 209.85 | 5,942.98 | 545.12 | -681.27 | 872.50 | 0.66 | -0.57 | -19.94 |
| 6,118.00 | 1.13 | 197.64 | 6,037.97 | 543.72 | -681.84 | 872.08 | 0.49 | 0.44 | -12.85 |
| 6,214.00 | 1.27 | 199.09 | 6,133.95 | 541.81 | -682.48 | 871.40 | 0.15 | 0.15 | 1.51 |
| 6,264.00 | 1.27 | 199.09 | 6,183.94 | 540.76 | -682.84 | 871.03 | 0.00 | 0.00 | 0.00 |

Projection to TD

Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|--|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|------------------|
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| Sand Wash L-31-8-17 | 0.00 | 0.00 | 5,300.00 | 572.00 | -635.00 | 7,199,208.38 | 2,047,637.99 | 40° 4' 28.403 N | 110° 2' 40.979 W |
| - actual wellpath misses target center by 34.11ft at 5378.59ft MD (5299.33 TVD, 544.86 N, -655.64 E) | | | | | | | | | |
| - Circle (radius 75.00) | | | | | | | | | |

Design Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | Comment |
|---------------------|---------------------|-------------------|------------------|
| 355.00 | 354.99 | -1.22 | First MWD Survey |
| 6,264.00 | 6,183.94 | 540.76 | Projection to TD |

Checked By: _____ Approved By: _____ Date: _____

| | | | | | |
|--|---|---|---|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 | | | |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869 | | | |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) | | | |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 8. WELL NAME and NUMBER: SAND WASH FED L-31-8-17 | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2117 FSL 0725 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 31 Township: 08.0S Range: 17.0E Meridian: S | | 9. API NUMBER: 43013337610000 | | | |
| 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE | | COUNTY: DUCHESNE | | | |
| STATE: UTAH | | | | | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | | | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/17/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: OAP to Current Formation </td> </tr> </table> | | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: OAP to Current Formation |
| <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: OAP to Current Formation | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> Newfield proposes to perforate and fracture stimulate from 4663'-4679' with in the current production formation (Green River) </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining Date: October 22, 2013 By: <u><i>Derek Quist</i></u> </div> </div> | | | | | |
| NAME (PLEASE PRINT) Mandie Crozier | PHONE NUMBER 435 646-4825 | TITLE Regulatory Tech | | | |
| SIGNATURE N/A | DATE 10/17/2013 | | | | |

| | | | | | |
|---|--|--|---|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 | | | |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869 | | | |
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| 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE | | COUNTY: DUCHESNE | | | |
| STATE: UTAH | | | | | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | | | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/9/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/> </td> </tr> </table> | | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/> |
| <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/> | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield will be doing a well clean out to bail out sand as well as running a Bit and Scraper with the intention to increase hydrocarbon production and bring the well back up to economic production volumes. | | | | | |
| Accepted by the Utah Division of Oil, Gas and Mining Date: November 09, 2016 By: <u><i>Dark Oust</i></u> | | | | | |
| NAME (PLEASE PRINT) Mandie Crozier | | PHONE NUMBER 435 646-4825 | | | |
| SIGNATURE N/A | | TITLE Regulatory Tech | | | |
| DATE 11/9/2016 | | | | | |

| | | |
|--|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
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| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/11/2016 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input checked="" type="checkbox"/> OTHER | |
| | OTHER: <input type="text" value="Well Clean Out"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 11/11/2016, the well clean out was completed on the above mentioned well. See attached rig summary report. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 30, 2016 | | |
| NAME (PLEASE PRINT) Mandie Crozier | PHONE NUMBER 435 646-4825 | TITLE Regulatory Tech |
| SIGNATURE N/A | DATE 11/29/2016 | |

NEWFIELD**Summary Rig Activity****Well Name: Sandwash L-31-8-17**

| | | |
|---------------------------------------|-----------------------------|----------------------------|
| Job Category Production / Workover | Job Start Date 11/9/2016 | Job End Date 11/11/2016 |
|---------------------------------------|-----------------------------|----------------------------|

Daily Operations

| | | |
|---------------------------------|-------------------------------|---|
| Report Start Date 11/9/2016 | Report End Date 11/9/2016 | 24hr Activity Summary MIRUSU. |
| Start Time 15:30 | End Time 16:30 | Comment Travel to location. Held safety meeting. |
| Start Time 16:30 | End Time 17:30 | Comment MIRUSU. Crew Travel back to NFX Yard |
| Report Start Date 11/10/2016 | Report End Date 11/10/2016 | 24hr Activity Summary Hot oil well. TOO H w/ rods. TIH w/ rods and fish rods. Unseat pump. Flush rods. Soft seat and test tbg. TOO H w/ rods. LD rds. TIH w/ new rod design. |
| Start Time 06:00 | End Time 07:00 | Comment Travel to location. Start equipment. Held safety meeting. Hot oiler pumped 60 bbls wtr down casing. |
| Start Time 07:00 | End Time 08:00 | Comment RD unit. TOO H w/ 52 rds. Parted right below upset on top of rod. TIH w/ baby red and fish rods. Unseat pump @ 4k over string wieght. |
| Start Time 08:00 | End Time 09:00 | Comment Flush rods w/ 40 bbls. Soft seat pump and test tbg to 3000 psi w/ 5 bbls wtr. |
| Start Time 09:00 | End Time 13:00 | Comment TOOH w/ rods. LD 196- 7/8" 8per rds on trailer. Had to flush w/ 20 bbls 1/2 way out w/ rods. No sign of scale. |
| Start Time 13:00 | End Time 18:00 | Comment Pick-up prime pump. TIH w/ 2 1/2" x 1.75" x 20' New RHAC Weatherford pump. 8' x 7/8" guided pony, 4' x 7/8" guided pony rd, 26- 7/8" 8per (new), 40- 3/4" 8per (old), 96- 3/4" 8per (new), 40- 7/8" 8per (new). SIFN. Pumped 125 bbls today. |
| Report Start Date 11/11/2016 | Report End Date 11/11/2016 | 24hr Activity Summary Finish RIH rods, RU unit, RD workover rig, FINAL REPORT |
| Start Time 06:00 | End Time 06:30 | Comment Crew travel to location |
| Start Time 06:30 | End Time 07:00 | Comment Crew safety meeting |
| Start Time 07:00 | End Time 08:00 | Comment Finish RIH W/ 33 more 7/8" 8pers, space out W/ 8' and 2' x 7/8" ponnies, PU 26' x 1 1/2" polish rod |
| Start Time 08:00 | End Time 08:30 | Comment Fill TBG 5 BBLS, stroke up to 800psi(good), roll unit, hang head, RU unit |
| Start Time 08:30 | End Time 09:30 | Comment RD workover rig- FINAL REPORT! |